AMOL RAMESH PANDHARE

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Seeking ***senior*** to ***architectural*** level assignments in Front-end / full-stack development.

PROFESSIONAL SYNOPSIS

- **18+ years of solid experience in application development.** (8+ years as Tech Lead, 15+ years in Frontend development, 5+ years in mobile development.)
- Expertise in Frontend technologies: React (7+ years), Redux, JavaScript, HTML5, CSS, AngularJS. Exploring gen AI and its elements.
- Experience in UI/UX design and reusable component development.
- Hands-on experience with Adobe Flex, AIR, and Flash (12+ years). Extensive experience in Adobe Flash, Flex, AIR for cross-platform application development.
- Strong debugging, troubleshooting, and team leadership skills.
- Good backend knowledge: Node.js, ASP, Java, PHP, ColdFusion, SQL (MySQL, MSSQL, Oracle).
- *Possess 7 years of experience in designing high-performance modular applications, while actively contributing to architectural decisions and implementing optimization strategies.*
- Mapping business / client requirements and providing best solutions involving evaluation and definition of scope of project and finalization of project requirements.
- Managing end to end application development and process migration projects from conceptualization and visualization to technology mapping and final execution of projects.
- Managing and leading team members, allocating resources among team members and guiding team members during the project, till final delivery.

TECHNICAL SKILLS

- **AI** : Gen AI tools like VSCode with Copilot, Cursor, Winsurf, usage of local LLMs for fullstack development, conceptual understanding of Transformers, Embeddings, Vector DB and RAG, ChatGPT, Claude, Emergent, Perplexity, etc.
- **Frontend:** Next js, React, Redux, HTML 5, CSS, AngularJS, Bootstrap, Material UI, AJAX, GraphQL, Saga/Thunk Middleware, **tanstack react query, react hookform,** javascript, TypeScript, react native, Adobe Flex/AIR, Adobe Flash
- **Backend:** Node.js, PHP, ColdFusion, Java (Spring Boot, JSP, Servlets), REST APIs
- **Databases:** MySQL, MSSQL, Oracle.
- **Tools & DevOps:** Git, Jira, Bitbucket, Jenkins, Webpack, Docker.
- **Cloud Services:** AWS, Firebase, Azure.
- **Other:** UML, RDBMS, CI/CD, Agile & Scrum methodologies.

ACADEMIA

- **B.E. (Electronics & Telecommunication)**, Pune University - 2004.
- DIT (Diploma in Information Technology), NIIT - 2004.
- 12th (1998) & 10th (1996), Mumbai Board.

CAREER CONTOUR

Freelancing *(Technical Consultant - Fullstack, Feb 2025 onwards)*

Technologies: Next, React, Redux, JavaScript, CSS, HTML, npm, Node.js, React Hook Form, Think Middleware, react hooks, Gen AI based fullstack development

- Developing fullstack applications like dashboard, matrimony websites for international clients with the power of AI.
- Achieving faster development with gen AI tools to save 40% of development time to develop features and come up with initial MVP's.

HealthEdge India *(Principal Engineer - Frontend, Jan 2023 – Oct 2024)*

Technologies: Next, React, Redux, JavaScript, CSS, HTML, npm, Node.js, React Hook Form, TanStack Query, Saga Middleware, react kendo components, react hooks

- Leading frontend development for the **HealthRules Manager** web application.
- Migrating legacy .NET desktop application to a modern React-based web application.
- Implementing best practices for reusable components, performance optimization, and code efficiency.
- Lead the team on the technical front by managing story points, distributing features, ensuring task completion, planning sprints, conducting code reviews and managing deliverables.
- Exploring AI and possibilities to achieve faster development and save 15% of development time.

Alten Calsoft Labs *(Technical Lead, Nov 2021 – Nov 2022)*

Technologies: Next, React, Redux, Bootstrap, JavaScript, CSS, HTML, AWS, AEM, Webpack, Storybook, Node.js, Angular

- Developed **Database Management** & **Launchpad** web apps for **Qualcomm**.
- Led frontend component development for **Hitachi Construction Machinery (HCM)** and **Casio Japan** using React and AEM for **Adobe Systems**.
- Worked for **Reliance Jio** on micro-frontend web application using Angular 8.

Photon Infotech *(Technical Lead, Sept 2020 – Oct 2021)*

Technologies: React, Bootstrap, JavaScript, HTML, Java REST Services, AWS, Remix Framework, CI/CD

- Spearheaded React-based **CreditOne** mobile app for credit card tracking & offers, including deploying the product to various environments(AWS infrastructure).
- Developed **Metlife Insurance App** using Remix framework.
- Lead the team on the technical front by managing story points, distributing features, ensuring task completion, planning sprints, conducting code reviews and managing deliverables.

Statestreet India *(Assistant Manager, July 2017 – April 2020)*

Technologies: React, Redux, Bootstrap, JavaScript, HTML, Adobe Flex, MySQL, Java REST Services, CI/CD

- Developed **MyStatestreet Dashboard and Dashboard Designer**, a Adobe Flex-based financial data analytics portal, including deploying the product to various environments(DEV, UAT, BUAT & prod).
- Involved in the migration and re-modernization of **Flex based Dashboard and Dashboard Designer** to React and integrated REST APIs, including deploying the product to various environments(DEV, UAT, BUAT & prod).
- Lead the team on the technical front by managing story points, distributing features, ensuring task completion, planning sprints, conducting code reviews and managing deliverables

Truglobal *(Full Stack Developer, Dec 2016 – March 2017)*

Technologies: AngularJS, Bootstrap, Node.js, Java REST Services, HTML, CSS, Gulp, Bower, JDK(derby db), MySQL

- Developed the **Signature Generation Service** for **Calix**, an enterprise security authentication system preventing counterfeiting of 10G PON SFP modules.
- Led full-stack development efforts, implementing API integrations and UI enhancements.
- Worked on performance optimization and scalability improvements for security services.

Freelance Technical Consultant *(2013 - 2017)*

Technologies: Angular, React, Redux, Next js, Adobe Flex, AIR, JavaScript, PHP, SQL, Firebase, Google APIs.

- Accepted and successfully executed multiple unconventional projects as a Freelancer, embracing unique challenges.
- Built custom video annotation tool, study scheduling applications, custom media player, new feed application, Meme Creator desktop application, social media applications, data scraping tools using AIR for **Yelp, Zillow, HomeAdvisor**, Tablet application for Nissan and several such applications using **Adobe Flex/AIR** targeted for **web, desktop, mobile and tablet** devices.
- As a Technical Consultant, was privileged to have one on one interaction with the client for feature/requirement discussion, technical obstacles and possible solutions and time and effort estimation of the work involved.
- Embraced learning new technologies like angular js, react js and next js(modern javascript frameworks) and executed a project on **Next js** for a US firm.
- Migrated LMS portal from Flex to Angular 7.

- **Ramyam Intelligence Labs (May 2016 – Sept 2016)**: Enhanced **Enliven** desktop and migrated to web-based multi-tenant application using Adobe Flex and Java.
- **ServiceMax (Nov 2015 – Feb 2016)**: Developed **Dispatch Console**, a one-page Flex and JavaScript-based application for tracking delivery work orders integrated with Salesforce.

- **Red Zebra Media Inc (March 2015 – Aug 2015)**: Created **Admin Player**, a video annotation tool using Flex, JavaScript, AJAX, mysql and PHP for media editing workflows.
- **Efficient Amateurs (Dec 2013 – April 2014)**: Developed various modules for **IST Suite** application, using Apache Flex and ColdFusion. Also created **WorkOrder Mobile**, a mobile solution for Android & iOS with SQLite-based offline mode. This application adopts a component-based skinning approach to design diverse screens, making it unique. While the user interface varies between Android and iOS devices, the underlying codebase remains unified for both platforms, eliminating the need for separate projects for different user interfaces.
- **Jetweb Pvt. Ltd. (July 2013 – Oct 2013)**: Developed **Compassess**, a student exam simulation and administration tool using Adobe Flex, PHP, and MySQL, deployed at a university in South Africa. While freelancing for this company for almost 3 months remotely, was invited to South Africa to work at their office premises to understand their product better and deliver, for a period of one month.

Previous Roles:

Technologies: Adobe Flex/AIR, Robotlegs, Craingorm, PureMVC, Core Java, ANT, Coldfusion, XML, MySQL, PHP, Adobe Flash, SQL Server, ASP, Dot Net, Oracle

IBM India *(Team Lead, Sept 2010 – July 2012)*

Led the re-architecture of enterprise UI applications using Adobe Flex, LiveCycle ES2, and Java. Managed cross-functional teams, optimized workflows, and implemented scalable UI solutions that streamlined business operations. Executed multiple projects SPST, MVS Search, Hiring Widget, Customer Advisor Tool and global Component development from scratch.

Highlight: MVS Search (@Alstom, GBS)

Redesigned and rebuilt the Flex UI from the ground up, implementing a new framework/architecture to ensure future ease of maintenance and scalability. Delivered a fully dynamic UI for both visuals and data in just 3–4 days, surpassing client expectations with enhanced features—achieving this in a fraction of the time, as against the original static UI, which took over 2+ months effort.

Adobe Systems *(Web Engineer, June 2009 – June 2010)*

Oversaw and owned the development and optimization of **Adobe Partner Connection Desktop & Volume License(web)**, utilizing Flex, ColdFusion, and AIR. Improved application performance, enhanced UI/UX, and automated licensing workflows.

Highlight: Adobe Partner Connection Desktop

Majorily responsible to revamp the entire code and reduce the codebase to minimal for optimal performance and an ease to understand and fix issues faster in future. Implemented features like Encrypted Local Storage, AIR update framework and seamless build(ANT based) and install mechanism for the project.

Multiple Assignments (2007-2009)

As a **Sr. Software Engineer** at **NetXposure** and **Capgemini**, and a **Consultant** at **SAP Labs** and **Persistent Systems**, developed enterprise-grade digital asset management solutions, interactive dashboards, and data visualization tools. Leveraged technologies like Java, SQL, Adobe Flex, and JavaScript to optimize workflows, improve backend data efficiency, and design intuitive frontend visualizations for large-scale enterprise applications. Discovered the power of Adobe AIR technology and implemented several features.

Highlight: RIA Heuristic Tool POC

A desktop application that enables testers to load specific Flash/Flex output files and websites for usability testing based on predefined parameters. It generates usability test results in PDF format using the AlivePDF library, saves reports to the user's machine, and implements an event-driven approach with a simple MVC-based architecture while leveraging the file-system API for Adobe AIR.

Magnet Technologies *(Software Engineer, Sept 2006 – June 2007)*

Built real-time, enterprise-grade web applications using JavaScript, SQL, and Flex. Developed data synchronization modules and contributed to performance optimization strategies. Executed multiple projects during the tenure at the company.

Highlight: Kanvas, Ushops

Kanvas is a collaborative application developed in Flex 2, enabling users to share and simultaneously interact within a common workspace. Updates made by one user are instantly reflected on other users' screens. The application features user-specific rights, similar to Adobe's Jamjar. Responsibilities included leading project development, conducting feasibility studies, and implementing the architecture. Additionally, built a sharable drawing module from scratch with an OOPs-based architecture and coordinated with the US team for technical discussions and architectural planning.

Ushops is a PHP-based e-commerce platform featuring a Flash based widget that displays product images in a horizontal sliding format. The widget, parameterized for integration into any website, offers two usage modes: Presentation (similar to PowerPoint) and a horizontal/vertical slider. Key contributions included developing a customizable Flash widget utilizing object reuse for dynamic image rendering(images data coming from database, based on auto scroll or next/previous interaction via widget), testing across multiple operating systems (Mac, Linux, Windows), and implementing a custom debugger to track and resolve issues. Additionally, collaborated with the PHP team to define data communication formats and developed a database-driven dynamic widget for seamless integration.

Hurix Systems Ltd. *(Software Developer, Dec 2005 – Aug 2006)*

Created Flash-based e-learning platforms using ActionScript and XML. Integrated SCORM compliance for seamless LMS integration, making learning modules interactive and engaging.

Freelancer *(2005)*

Worked as freelance developer, developing applications for small organizations using Flash and ASP.

ShawMan Softwares *(System Coder, Aug 2004 – April 2005)*

Developed ASP and Oracle-based enterprise applications, optimizing SQL queries and implementing automation tools for business operations.