YOGESH JOSHI

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Professional Summary

Results-driven Lead Software Engineer with **12 years** of expertise in JavaScript and Full-stack development. Skilled in designing, developing, and optimizing scalable, high-performance software solutions. Experienced in architecting complex systems and leading teams to deliver innovative, user-centric applications. Passionate about driving technical excellence, fostering collaboration, and continuously learning to stay ahead in a dynamic industry.

Skills

Technical Skills

- **Languages & Frameworks**: JavaScript (ES6+), TypeScript, Node.js, React.js, Redux, Angular, Vue.js, Next.js, Express.js, NestJS, Micro-Frontend React
- **Backend & API Development**: RESTful APIs, GraphQL, WebSockets (Socket.io), Microservices Architecture, Serverless Computing (AWS Lambda, Firebase Functions)
- **Databases & Storage**: PostgreSQL, MySQL, MongoDB, Redis, Firebase Firestore, IndexedDB
- **Data Visualization**: D3.js, Highcharts, Chart.js
- **Cloud & DevOps**: AWS (EC2, S3, Lambda, DynamoDB, Aurora), Google Cloud, Firebase Toolchain, Docker, Kubernetes, CI/CD Pipelines, Mulesoft, Terraform
- **Performance & Optimization**: Caching Strategies, Load Balancing, Code Profiling, Database Indexing, Frontend Optimization (Lazy Loading, Code Splitting)
- **Testing & Quality Assurance**: Jest, Mocha, Chai, Cypress, Selenium, TDD/BDD
- **Security & Authentication**: OAuth, JWT, SAML, Web Security Best Practices, OWASP Guidelines
- **Web & Mobile Development**: PWA, React Native, Native iOS/Android SDKs, Google Maps SDK/APIs

Soft Skills & Leadership

- **System Architecture & Design Patterns**: MVC, MVVM, SOLID Principles, Event-Driven Architecture
- **Agile & Team Leadership**: Scrum, Kanban, Sprint Planning, Mentorship & Code Reviews
- **Problem-Solving & Critical Thinking**: Debugging, Performance Tuning, Scalable System Design
- **Collaboration & Communication**: Cross-functional Teamwork, Technical Documentation, Stakeholder Management
- **Time & Project Management**: Prioritization, Estimation, Delivering within Deadlines

Experience

Lead Software Engineer | YARA International | Bengaluru, KA (Aug 2022 – Feb 2025)

- Brainstorming session with Product and Designers to simplify and define tasks for Devs.
- Developing complex architectural designs, implementing & scaling them.
- Helping team understand complex concepts as well helping them grow with understanding of Software designs and patterns by hosting multiple learning sessions with team.
- Have updated the existing architecture on AWS to successfully reduce the cost significantly.
- Collaboration across team and function for successfully designing, developing & maintaining the product.
- Implemented and maintained multiple Front-end applications as well as developed and deployed multiple micro service APIs required for them.

- Collaboration with UI/UX Designers & Product for the user experience and journey across the product.

- Deployment of multiple services on Mulesoft Anypoint middleware and AWS.

Senior Software Engineer | YARA International | Bengaluru, KA (Aug 2020 – Aug 2022)

- Designed and Developed Mobile application using ReactNative, MobX, MobX State Tree, redux and other hybrid technologies.

- Managed new Interns and Trainees, and helped them on-board and learn new technologies and concepts.

- Helped Junior developers and colleagues with their tasks and fix issues when they are stuck.

- Managed release of application from internal releases to the play store releases.

- Created a micro-service architecture template using NestJs and other required plugins with Back-end team.

- Designed and developed Backend REST APIs for multiple modules.

- Developed and managed micro-services on Back-end using NestJs.

- Have added automations, small scripts, and other tools in place to automate daily mundane tasks and to maintain code hygiene and structure.

- Collaborated closely with other teams and Product Owners to complete features and finish the release cycle in all sprints.

Senior Software Engineer (Associate Manager) | Ather Energy Private Ltd. | Bengaluru, KA (Jun 2015 – Aug 2020)

- Designed and Developed Software application using ReactJs, Redux and other web technologies for the vehicle which is tightly integrated with other system-level applications.

- Designed and Developed Mobile Application using React Native to sync data across platforms from bike to cloud to the mobile app using Firebase toolchain.

- Designed and Developed Complete navigation using Vanilla Js/ ReactJS, and Google map js APIs, from scratch on the web platform to be able to use it on our Bike's hardware with limited hardware and memory restrictions.

- Identified performance issues in the application and implemented more optimized components.

- Mentored new joiners and trainees.

- Worked closely with the system team and helped them develop using Go-lang and integrate their app with UI App.

- Developed Coding, Documenting and other version control systems like Git and Gitlab standards and hygiene.

- Determine system performance standards.

- Automated several everyday mundane tasks for peers and QA to speed up the process using shell scripting or microservices.

- Developed several Software and services within and for other teams to help them analyze, track and solve problems using JavaScript web stack.

Software Artisan | Function Space | Bangalore, KA (May 2014 – Jun 2015)

- Developed Web applications and tested them for issues.

- Developed, Tested and Maintain online Science forum community platform using PHP, JavaScript, and other web stacks technologies.

- Created several applications to help users learn and play at the same time.

- Learnise - complete learning ecosystem for all the students and teachers, by providing them tools like online IDEs to learn and run on the go.

- Play Physics - it is the new way to learn by playing interactive games and interactive quizzes based on science and physics concepts.

- Developed several internal multi-tier dashboards and tools to analyze, track and monitor user's data, behavior, and actions.

- Worked closely with sale and product team to understand user's requirements and with Design and testing team to develop it and test it thoroughly.

Fullstack Software Developer | Avinashi Ventures Pvt Ltd | Surat, GJ (Jun 2013 – Apr 2014)

- BizBrain - Developed a complete HRMS system using AngularJs, NodeJs, Highcharts, and MongoDB.

- Developed and maintained a bulk telemarketing SMS delivery system using NodeJs and AT commands and integrated the same with other applications like BizBrain for delivering and taking system related alerts and inputs respectively.

- Developed mail delivery system to fetch, update and generate reports with charts and deliver it to the respective person automatically using NodeJs, PHP and MongoDB.

Education

Bachelor of Engineering: Computer Engineering (2009 - 2013)
Gujarat Technological University (GTU), Surat, GJ
CGPA: 8.05

Additional Information

- Hobbies include game development and home automation.

- Regular contributor to open-source software projects.

- Playing various genres of games.