YOGESH JOSHI

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# PROFESSIONAL SUMMARY

Results-driven Lead Software Engineer with ~11 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), NestJs, ExpressJs

**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 (GitHub Actions, GitLab CI), 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:** Agile Methodologies (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

AUGUST 2022 ‐ CURRENT

*Lead Software Engineer* | *YARA International* | *Bengaluru*, *KA*

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

AUGUST 2020 ‐ AUGUST 2022

*Senior Software Engineer* | *YARA International* | *Bengaluru*, *KA*

Designed and Develop 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

JUNE 2015 ‐ AUGUST 2020

*Senior Software Engineer (Associate Manager)* | *Ather Energy Private Ltd.* | *Bengaluru*, *KA*

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

Designed and Develop 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. Guided 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.

MAY 2014 ‐ JUNE 2015

*Software Artisan* | *Function Space* | *Bangalore*, *KA*

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.

JUNE 2013 ‐ APRIL 2014

*Fullstack Software Developer* | *Avinashi Ventures Pvt Ltd* | *Surat*, *GJ*

BizBrain - Developed a complete HRMS system using AngularJs, NodeJs, Highcharts, and MongoDB. It allows superiors to set and achieve the target for their junior colleagues, if not achieved, s/he can find the reason from the dashboard drill-in graphs and charts. It also predicts the future scope of your products based on the daily entry by all employees and can help business leaders to take necessary actions accordingly.

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.

Developer 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

2013

*Bachelor of Engineering*: *Computer Engineering*

Gujarat Technological University (GTU), Surat, GJ .

CGPA 8.05

# ADDITIONAL INFORMATION

Personal hobbies like game development and home automation In free time I explore and contribute to Open Source Software