

# 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, C#, 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
- Lead migration of a legacy web app from C# to Javascript microservices stack

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 Engineer | 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

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2013

*Bachelor of Engineering: Computer Engineering*

Gujarat Technological University (GTU), Surat, GJ .

- CGPA 8.05

## ADDITIONAL INFORMATION

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