

# YOGESH JOSHI

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## Professional Summary

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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

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### 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

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

- Collaborated with Product and Designers to define and simplify tasks for development teams.
- Designed complex architectures, implemented and scaled backend systems on AWS and Mulesoft.
- Hosted multiple learning sessions to mentor team members on software designs and patterns.
- Updated existing AWS architecture, resulting in significant cost reduction.
- Led the development and maintenance of multiple front-end applications and microservices APIs.

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

- Designed and developed mobile applications using React Native, MobX, Redux.
- Created backend REST APIs and microservices using NestJS and Node.js.

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- Automated mundane tasks and enforced code hygiene with tools and scripts.
- Managed release cycles from internal builds to Play Store publishing.
- Mentored new interns and juniors; collaborated with cross-functional teams.

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

- Developed web and mobile applications for vehicle integration using ReactJS and Firebase.
- Engineered a full navigation system using Google Maps APIs under constrained environments.
- Guided junior developers, established system performance standards, and improved code quality.
- Automated QA tasks and developed microservices to streamline team workflows.

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

- Built an online science community platform using PHP, JavaScript, and modern web technologies.
- Developed Learnise and Play Physics: gamified learning platforms for science education.
- Designed dashboards and analytics tools to monitor user behavior and engagement.

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

- Developed BizBrain HRMS system using AngularJS, NodeJS, and MongoDB.
- Engineered telemarketing SMS and mail delivery systems to automate business communications and reporting.

## Education

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### Bachelor of Engineering: Computer Engineering

Gujarat Technological University (GTU), Surat, GJ

CGPA: 8.05 (2009 - 2013)

## Additional Information

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- Hobbies include game development and home automation.
- Regular contributor to open-source software projects.