

# MUHAMMED AMEEN

## LEAD SOFTWARE ENGINEER

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### Professional Summary

Results-driven lead software engineer with expertise in designing and developing scalable full-stack web applications using React.js, Vue.js, Next.js, Node.js, Express.js, and NestJS. Skilled in REST API development, microservices, database management, authentication, and application performance optimization. Experienced in SDLC, Agile methodologies, CI/CD, and delivering secure, high-quality software solutions with strong analytical and problem-solving abilities.

### Core Competencies

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| <ul style="list-style-type: none"><li>Full Stack Development</li><li>JavaScript (ES6+) &amp; TypeScript</li><li>React.js, Vue.js &amp; Next.js</li><li>Node.js, Express.js &amp; NestJS</li><li>REST API Development</li><li>Microservices Architecture</li><li>MySQL, PostgreSQL &amp; MongoDB</li><li>Technical Leadership &amp; Team Mentoring</li><li>Code Review &amp; Software Quality Assurance</li><li>Agile Sprint Planning &amp; Project Delivery</li></ul> | <ul style="list-style-type: none"><li>API Security &amp; Authentication</li><li>Git, GitHub &amp; GitLab</li><li>Postman &amp; API Testing</li><li>Agile, Scrum &amp; SDLC</li><li>System Design &amp; Code Reviews</li><li>Performance Optimisation</li><li>Database Design &amp; Query Optimisation</li><li>Debugging &amp; Troubleshooting</li><li>JWT, OAuth 2.0 &amp; RBAC</li><li>Redis, Kafka &amp; WebSockets</li></ul> |
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### Professional Experience

**Software Developer - Thapovan Info Systems, Chennai, Tamil Nadu, India** 01/2023 – 06/2026

- Developed scalable full-stack web applications using JavaScript, TypeScript, React.js, Vue.js, Next.js, Node.js, Express.js, and NestJS, following Agile, Scrum, and SDLC best practices.
- Designed and maintained secure REST APIs with JWT, OAuth 2.0, and RBAC, integrating MySQL, PostgreSQL, MongoDB, Redis, Kafka, and WebSocket technologies for high-performance enterprise applications.
- Built responsive, reusable user interfaces and optimized application, database, and API performance through clean coding practices, debugging, and performance tuning.
- Collaborated with business stakeholders and cross-functional teams to analyse requirements, conduct code reviews, mentor developers, and coordinate Agile sprint planning for on-time project delivery.
- Integrated AI-driven automation into core workflows, managed source code using Git, GitHub, and GitLab, performed API testing with Postman, and supported CI/CD pipelines to deliver scalable, secure, and cloud-ready solutions.

### Education

**Bachelor of Computer Applications (BCA)** | KMM College of Arts and Science, Kerala, India 2018-2021  
**Higher secondary education** – Kerala Higher Secondary Education, Kerala, India 2018

### Languages

**English** – Fluent  
**Hindi** – Basic  
**Malayalam** – Native