

# Aquif Zubair

Bengaluru, Karnataka | 904-189-9921 | aquifzubair98@gmail.com | LinkedIn | Portfolio

## PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience in backend development, specializing in Node.js and microservices architecture. Proven track record of leading teams, optimizing system performance by up to 70%, and implementing solutions for high-traffic applications. Recently promoted to Senior Software Engineer in April 2025, demonstrating strong technical leadership and delivery capabilities.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, Java, SQL, HTML5, CSS3  
**Backend Technologies:** Node.js, Express.js, Koa.js, TypeORM, Knex.js, Spring Boot, REST APIs, Microservices  
**Databases:** PostgreSQL, MySQL, Redis, MongoDB  
**Cloud & DevOps:** AWS, Azure, Docker, CI/CD, Git, GitHub Actions  
**Development Tools:** Git, GitHub, GitLab, VS Code, Postman, JIRA, Confluence  
**Testing:** Unit Testing, Integration Testing, Jest, Mocha, Code Reviews  
**Methodologies:** Agile, Scrum, Test-Driven Development, Object-Oriented Programming  
**Security:** OAuth 2.0, SSO, JWT, API Security, Data Encryption

## CORE COMPETENCIES

**Leadership Skills:** Team Management, Technical Leadership, Mentoring, Cross-functional Collaboration  
**Problem Solving:** Analytical Thinking, Troubleshooting, Performance Optimization, System Design  
**Communication:** Code Reviews, Technical Documentation, Stakeholder Management, Presentation Skills  
**Project Management:** Time Management, Sprint Planning, Deadline Management, Quality Assurance

## PROFESSIONAL EXPERIENCE

<b>Leucine - AI for Pharma</b> <i>Senior Software Engineer   Back End Developer</i> <b>Promoted to Senior Software Engineer in April 2025</b> <ul style="list-style-type: none"><li>Built analytics dashboard using Node.js and TypeScript, replacing AWS QuickSight and improving data visualization flexibility by 40% while reducing costs.</li><li>Implemented Azure Active Directory and Okta SSO solutions with OAuth 2.0 and SAML protocols, improving security compliance and reducing user authentication time by 60%.</li><li>Added Redis caching layer across microservices architecture, implementing caching patterns to optimize API response times by 50% and improve system performance.</li><li>Led PostgreSQL query optimization using indexing strategies, query analysis, and database partitioning, reducing database response times by 70%.</li><li>Conducted code reviews for 8+ developers using GitLab CI/CD pipelines, maintaining 95%+ code quality standards while mentoring junior engineers.</li><li>Worked with product managers and stakeholders in Agile environment to deliver software solutions on time and within budget.</li></ul>	Bengaluru, Karnataka April 2023 – Present
<b>ZopSmart</b> <i>Software Engineer II</i> <ul style="list-style-type: none"><li>Developed and deployed scalable Node.js microservices architecture for McAfee enterprise client, implementing load balancing and auto-scaling to handle 10,000+ concurrent users with 99.9% uptime.</li><li>Designed robust data layer architecture using PostgreSQL and Knex.js ORM with connection pooling and query optimization, improving data retrieval efficiency by 35% and reducing server response times.</li><li>Led technical mentorship and guidance for 5 junior developers in Agile development practices, conducting daily standups and sprint planning, achieving 100% project delivery success rate within deadlines.</li><li>Implemented comprehensive API testing strategies using Postman and automated testing frameworks, ensuring code quality and reducing production bugs by 40%.</li></ul>	Bengaluru, Karnataka March 2022 – March 2023
<b>Lal10</b> <i>Software Engineer</i> <ul style="list-style-type: none"><li>Built and maintained scalable backend systems using Node.js, Express.js, and RESTful API architecture, supporting 5,000+ daily active users with high availability and performance optimization.</li><li>Optimized MySQL database schemas through indexing, normalization, and query restructuring, improving query performance by 45% and reducing server load during peak traffic.</li><li>Developed secure payment gateway APIs with encryption and PCI DSS compliance, processing 1,000+ financial transactions daily while ensuring data security and fraud prevention.</li><li>Created intelligent rule engine using machine learning algorithms for product-artisan matching and deployed Java Spring Boot microservices with Docker containerization for improved scalability.</li><li>Implemented comprehensive error handling, logging, and monitoring systems to ensure system reliability and facilitate rapid troubleshooting of production issues.</li></ul>	Noida, UP October 2020 – February 2022
<b>MountBlue Technologies</b> <i>Software Engineer Trainee</i> <ul style="list-style-type: none"><li>Developed full-stack Spotify clone application using React.js, Redux for state management, Express.js backend, and MySQL database with complete music streaming functionality, user authentication, and playlist management features.</li><li>Built comprehensive Project Issue Tracker with full-stack capabilities including user authentication, role-based access control, and real-time updates using React.js frontend and Firebase backend services.</li><li>Implemented responsive web design principles and modern JavaScript ES6+ features to ensure cross-browser compatibility and optimal user experience across different devices.</li></ul>	Bengaluru, Karnataka July 2020 – September 2020
<b>LiftOff LLC</b> <i>Software Engineer Trainee</i> <ul style="list-style-type: none"><li>Developed secure authentication and comprehensive user profile management features using React.js frontend and Firebase backend, implementing OAuth integration and real-time data synchronization.</li><li>Completed Data Structures and Algorithms certification from FreeCodeCamp, strengthening problem-solving skills and algorithmic thinking for efficient software development.</li><li>Participated in code reviews and collaborative development practices, gaining experience in version control with Git and following industry-standard coding conventions.</li></ul>	Bengaluru, Karnataka February 2020 – June 2020

## EDUCATION

<b>Sant Longowal Institute Of Engineering And Technology</b> <i>Bachelor of Engineering in Computer Science (7.2 CGPA)</i>	Sangrur, Punjab 2016 – 2019
<b>University Polytechnic, Aligarh Muslim University</b> <i>Diploma in Electronics Engineering (76.6%)</i>	Aligarh, UP 2012 – 2015