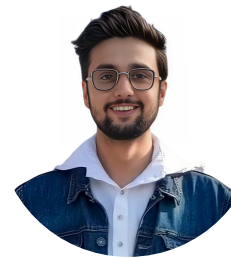


Atif Jalal Software Engineer



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🌐 github.com/atifjalal in linkedin.com/in/atifjalal/

Full-stack Software Engineer with 1+ years of experience in MERN stack development, cloud computing, and scalable architecture. Achieved 90% test coverage, optimized system efficiency, and Refined application performance. Skilled in React.js, Node.js, TypeScript, AWS, Docker, and CI/CD automation.

WORK EXPERIENCE

Freelance Software Developer, Upwork

09/2024 – 12/2024 | Heilbronn, Germany

- Overhauled web applications to enhance responsiveness, cutting latency by 40% and boosting user engagement.
- Strengthened security with OAuth authentication and encryption, cutting unauthorized access by 90%.
- Optimized database performance through indexing and caching, accelerating query execution time by 40%.
- Engineered interactive dashboards delivering real-time insights, increasing decision-making efficiency by 15%.
- Integrated Stripe, PayPal, and Google Maps, reducing transaction failures by 25% and enhancing geolocation accuracy.
- Automated CI/CD pipelines, slashing deployment time by 60% and minimizing manual effort.
- Devised scalable software solutions for global clients, boosting system efficiency by 35% and reducing downtime by 20%.

Junior Software Engineer, RIKSOF pvt. limited

03/2023 – 09/2023 | Karachi, Pakistan

- Spearheaded backend development for three large-scale MERN applications, ensuring scalability and maintainability.
- Enhanced system reliability by implementing rigorous testing, achieving 90% test coverage and reducing bugs.
- Integrated and improved 50+ RESTful APIs, including payment gateways and third-party services, to expand functionality.
- Boosted database performance by refining MongoDB queries and implementing Redis caching, cutting response time by 45%.
- Restructured high-traffic codebases, reducing complexity by 90% and improving maintainability.
- Established coding best practices using SOLID principles and Test-Driven Development (TDD), reducing complexity by 40%.
- Spearheaded the development of a comprehensive API monitoring dashboard using Grafana, enabling real-time alerting and preemptive issue resolution, improving issue resolution time by 20%.

PROJECTS

Medical AI - Emotionally Intelligent Medical Assistant [🔗](#)

09/2024 – 12/2024 | Heilbronn, Germany

- Achieved 90% emotion recognition accuracy, enabling AI-driven real-time sentiment analysis for better patient engagement.
- Optimized system architecture using Next.js and MongoDB, reducing API response time by 40%.
- Upgraded chatbot with AI-driven NLP, achieving 95% accuracy in medical queries and reducing physician workload.

Rently - Car Rental Platform [🔗](#)

03/2023 – 09/2023 | Karachi, Pakistan

- Increased user retention by 30% through an intuitive, real-time vehicle tracking and booking system.
- Improved page load speed by 45% by optimizing database queries and reducing frontend re-renders.
- Fortified payment security and reliability by integrating Stripe and PayPal APIs, minimizing transaction failures by 30%.

EDUCATION

Master of Science in Software Engineering - Heilbronn University of Applied Sciences 09/2023 - Present | Heilbronn, Germany

Bachelor of Science in Information Technology - Bahria University 02/2019 - 02/2023 | Karachi, Pakistan

SKILLS

Frontend Development: React.js, Next.js, Redux, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, Figma

Backend Development: Node.js, Express.js, RESTful APIs, Microservices Architecture, Java, C, Python

Databases: MongoDB, MySQL, PostgreSQL, Oracle SQL

Development Practices: Agile Methodology, SOLID Principles, Test-Driven Development (TDD)

DevOps & Tools: Docker, Kubernetes, AWS, Terraform, CI/CD (Jenkins), GitHub Actions, GitLab, Bitbucket, Postman

Version Control: Git, GitHub, GitLab, Bitbucket

Infrastructure as Code (IaC): Terraform, CloudFormation, Ansible

Cloud Platforms: AWS, Azure, GCP

Cloud Native & Architectures: IaaS, PaaS, SaaS, FaaS, Microservices, Distributed Systems

Collaboration & Tools: Jira, Confluence, Scrum, Agile, Microsoft Teams

Programming & Scripting: JavaScript, TypeScript, Python, Bash, PowerShell, Groovy

Languages: **English** - C1 , **Deutsche** - A2