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MUHAMMAD MOIZ SIDDIQUE

FULL STACK SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Results-driven Senior Software Engineer with over 7+ years of experience in developing scalable web and mobile applications. Expertise in full-stack development, cloud infrastructure, and leading cross-functional teams. Proven success in delivering mission-critical solutions in fintech, e-commerce, and SaaS platforms.

SKILLS

Languages: Typescript, Javascript, Python, Java, PHP, SQL, C#/C/C++

Frontend: Angular, React JS, Vue JS, Next JS, Html, CSS, Tailwind, Bootstrap, Material, Ionic

Backend: Node.js, Nest Js, Go Lang, Python (Flask), .NET

Databases: MongoDB, PostgreSQL, MySQL, DynamoDB, Firebase

Mobile: React Native, Native Script, Cordova, Capacitor, Java Android

Cloud: AWS (EC2, S3, Lambda, SQS RabbitMQ, RDMS, ElastiCache), GCP

DevOps: Docker, Jenkins, GitHub Actions, Circle CI

EMPLOYMENT HISTORY

Nov 2024 – Present

Senior Software Engineer @ Nisum | Karachi, Pakistan (On-site)

- Enhanced the user interface of a high-traffic eCommerce platform by upgrading existing modules using Vue.js and micro-frontend architecture, contributing to a 20% increase in user engagement on key product pages.
- Upgraded legacy Vue 2 components to Vue 3, improving performance and maintainability and Streamlined frontend CI/CD pipelines with Docker and Jenkins.
- Led frontend POCs to evaluate scalable tools and practices. Also, acted as Node.js SME, supporting backend integration and issue resolution.

Jul 2024 – Oct 2024

Lead Backend Engineer @ Ain Finance | Karachi, Pakistan (On-site)

- Designed and maintained a scalable microservices architecture using NestJS, RabbitMQ, PostgreSQL, Redis, and DynamoDB to support high-throughput crypto exchange operations.
- Led cross-functional teams, managed Agile sprints in Jira, and mentored developers on modern backend practices to improve code quality and delivery speed.
- Architected and optimized secure AWS infrastructure (EC2, S3, RDS, Lambda, CloudWatch), ensuring high availability, fault tolerance, and cost-efficiency.
- Integrated Fireblocks blockchain and Fiat Republic APIs to enhance digital asset security, compliance, and transaction monitoring.
- Built proactive monitoring and logging solutions to resolve performance issues, align project scope with stakeholders, and ensure long-term system reliability.

Jan 2023 – May 2024

Full-Stack Software Engineer @ Excel Pros | Scarborough, Canada (remote)

- Developed scalable, modular backend systems using an API-first approach with JavaScript, Python, Java, and Golang, applying SOLID principles and multiple programming paradigms.
- Built and maintained CI/CD pipelines using AWS and GitHub Actions, enabling efficient testing, deployment, and code quality enforcement.
- Designed application architecture and documented troubleshooting processes to improve system reliability and support team knowledge sharing.

Jun 2022 – Dec 2022

Senior Software Engineer @ Dsgnry | Karachi, Pakistan (On-site)

- Led full-stack development for a social and music networking platform using React.js, Node.js, and React Native; built frontend/backend architecture from scratch, managed deployments via Docker, AWS, and GitHub Runners, and led a team of 6 engineers using Agile and Jira.
- Delivered mobile app releases to Play Store and App Store, conducted daily Scrum meetings, and collaborated directly with clients to align technical solutions with business requirements.
- Enhanced CMS and real-time 3D visualization projects using Java (Spring Boot), WebRTC, d3.js, Three.js, and Angular; maintained APIs, built interactive UIs, and implemented spatial design features for enterprise applications.

Jun 2019 – May 2022

Software Engineer @ Algorack | Karachi, Pakistan (On-site)

- Delivered full-stack solutions using Angular, React, Next.js, Node.js, NestJS, and mobile frameworks (Flutter, React Native, Ionic, NativeScript); enhanced performance with build tools like Babel and Webpack, and managed RESTful API integrations and webhooks.
- Deployed applications on AWS using GitHub Actions, integrated Stripe for payments, and worked with SQL and NoSQL databases including MongoDB, PostgreSQL, MySQL, and SQL Server.
- Led multiple projects from inception to delivery, including Social Champ, Bright Development, and TES; handled frontend architecture, team leadership, client interactions, and Agile task management with Jira.

EDUCATION

Oct 2017 – Jul 2021

Bachelor in Computer Science, Muhammad Ali Jinnah University, Karachi, Pakistan

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Science, Advance Data Structures and Algorithms, Information Retrieval, Human Computer Interaction (HCI).

PROJECTS

Williams Sonoma (2025): Contributed to frontend engineering of a large-scale eCommerce platform using Vue.js and micro-frontend architecture across multiple retail brands. [\[Link\]](#)

ACM Finance (2024): Led backend development of a crypto exchange using NestJS, RabbitMQ, PostgreSQL, and AWS; integrated Fireblocks for blockchain compliance. [\[Link\]](#)

KMRauto (2023–24): Built a car dealership dashboard with features like registration and rental management using React, Node.js, and MongoDB. [\[Link\]](#)

Black Lion App (2022): Built full-stack social/music platform using React.js, Node.js, and MongoDB; managed mobile app delivery and led a team of 6 developers. [\[Link\]](#)

Bridgestone (2022): Enhanced a CMS with Angular and Spring Boot for 3D tire modeling and mobile app deployment using Flutter; managed backend APIs and SQL integration.

Bright Dev, Social Champ (2019–20): Developed SaaS tools and social media platforms using React, Angular, Node.js, MongoDB, and NativeScript. [\[Link 1\]](#) [\[Link 2\]](#)

AWARDS & CERTIFICATIONS

- **Javascript: Core and Advance Techniques:** Completed this advance javascript course from **Udemy**, learned advance coding and system design strategies. [\[Credentials\]](#)
- Certification for Problem Solving Algorithms by Hackerrank. [\[Credentials\]](#)
- Certification for Creating Rest API by Hackerrank. [\[Credentials\]](#)