

MUSTAFEEZ UR REHMAN

Senior Full Stack Developer | AI/ML

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with 9+ years of experience building and scaling government-grade platforms used by millions across the UAE. Engineered a One-Click deployment solution that cut service rollout to under 10 seconds, led maintenance of 700+ mission-critical repositories, and drove a 40% reduction in manual query resolution through AI-driven automation. Expert in JavaScript, Node.js, React.js, Angular, and cloud-native microservices architecture. Open to relocation within 6–8 weeks.

PROFESSIONAL EXPERIENCE

Department of Government Enablement

Nov 2022 – Current

Senior Full Stack Developer (Tamm AI)

- Engineered a "**One-Click**" deployment solution, reducing service rollout time across all government departments to **under 10 seconds**.
- Developed and deployed AI-driven services within the **TAMM AI platform**, automating government service delivery via chatbot integration and reducing manual query resolution by **~40%**.
- Orchestrated the end-to-end rollout of TAMM 2.0 UI themes across **60+ repositories**, standardizing the user interface and boosting application performance scores by **15%**, resulting in higher user satisfaction.
- Spearheaded migration of **React and Node.js** ecosystems to latest LTS versions across **10+ projects**, cutting security vulnerabilities by **30%** and improving build times.
- Owned and managed release cycles across **5+ government entities**, ensuring **zero-downtime** deployments and on-time delivery across all milestones.
- Served as a core technical lead overseeing the maintenance and stability of **700+ service repositories** across mission-critical government systems.

Abu Dhabi Government (ADHA TAMM)

Nov 2021 – Nov 2022

Full Stack Developer

- Designed and developed "**WorkBench**", a developer productivity tool adopted by **20+ engineers**, reducing workflow setup time by **50%**.
- Led the resolution of **P1 and P2** incidents in the TAMM Clinic operations module, delivering high-quality fixes through rigorous testing and documentation.
- Engineered distributed systems to ensure scalability and fault tolerance across high-availability production environments.
- Championed unit testing and test automation practices, achieving **80%+ code coverage** and significantly reducing production bug rates.

Share Mobility

Mar 2021 – Oct 2021

Full Stack Developer

- Re-architected the monolithic backend into **microservices**, improving system scalability and reducing average API response time by **35%**.
- Developed a **Python-based backend** for computationally intensive RESTful APIs to improve processing performance.
- Led technical decision-making and provided architectural guidance across multiple shared mobility products.
- Delivered secure, time-sensitive updates including database upgrades and content changes, ensuring stability in live environments.
- Improved security posture by implementing **HTTP-only cookie authentication**, access control, and mitigating **CSRF/XSS** vulnerabilities through dependency audits.

ID-ware

Apr 2020 – Dec 2021

Frontend Developer

- Developed and maintained reusable frontend npm packages to support multiple product teams, improving code reusability and development efficiency.
- Implemented **Micro-Frontend architecture**, enabling independent deployment and scaling of UI components across services.
- Optimized frontend performance by reducing **TTFB by 40%** through code splitting, lazy loading, and legacy code refactoring.
- Practiced Test-Driven Development (**TDD**) using Karma, Jasmine, QUnit, and Mocha, ensuring robust component-level code reliability.

Ideofuzion

Jul 2019 – Jun 2020

Full Stack Developer

- Built backend microservices for a crypto exchange (**MEAN stack**) with real-time data streaming via **Socket.io** and **Redis**. Integrated Firebase Analytics and automated deployments using CircleCI.

EDUCATION

Bachelor of Software Engineering (Computer Science), International Islamic University Islamabad, 2018

TECHNICAL SKILLS

Programming Languages: JavaScript (7 yrs), TypeScript (5 yrs), Python (4 yrs)

Frontend: React.js, Angular, Angular Material, Redux, CSS3, Tailwind CSS, Material UI, CSS-in-JS

Backend & Frameworks: Node.js (Express.js, NestJS), Flask, GraphQL

Databases: MySQL, PostgreSQL, MongoDB

Testing & QA: Jest, Jasmine, Mocha, Enzyme, Karma, QUnit

Cloud & DevOps: AWS (EC2, S3, Lambda), NGINX, Git, GitHub, CircleCI

Messaging & Streaming: Apache Kafka (event-driven streaming), Redis (pub/sub, caching, real-time processing)

AI/ML & Integrations: OpenAI API, LangChain, Chatbot Development, AI-driven Service Design