MUSTAFA ALI

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Fullstack Engineer

Dynamic and detail-oriented Full Stack Web Developer with over 4 years of experience in crafting efficient, user-centric solutions using modern technologies. Proficient in JavaScript, TypeScript, GoLang and Python with a proven track record in both frontend and backend development across various frameworks and libraries. Adept at leading teams, mentoring junior developers, and ensuring high-quality standards through rigorous testing practices.

EXPERIENCE

Software Engineer   Sydney, New South Wales, Australia
Switchboard   *September 2024 - Present*

- Reduced high and severe **vulnerabilities** across **6** repositories, improving security and compliance by **100%**.
- Updated deprecated and irrelevant packages, enhancing overall application security by **10%** to meet **GDPR, SOC-2, and ISO-27001** standards.
- Revamped **connection and operation modules**, increasing **customer** engagement by **20%**.
- Integrated **DropPoint, VoyFai,** and **SFTP** systems, optimizing the app's **supply chain** flow and reducing processing time by **25%**.
- Developed customizable widgets, enabling **over 500 customers** to integrate platforms such as Xero, MYOB, Dear Systems, Shopify, and Amazon Seller Central, reducing **integration time** by **30%** through a simple **script snippet** embedded in their applications.
- Implemented **logging** across the entire application, improving debugging efficiency by **40%** and enhancing coding practices for smoother issue resolution.

Software Engineer   Faisalabad, Pakistan
QBATCH   *July, 2022 - July, 2024*

- Designed and implemented scalable, **efficient backend systems** using Node.js, FastAPI and Go(lang), achieving a **40%** reduction in response times.
- Developed an efficient **React-Redux** onboarding feature, cutting user onboarding time by **50%**, reducing code complexity by **30%**, and significantly enhancing **user experience** and app maintainability.
- Skilled in building intuitive, responsive **user interfaces** using React.js, Vue.js, and Next.js, leading to a **15%** increase in **user engagement** and a **25%** improvement in overall **user satisfaction.**
- Replaced MWS with Amazon SP-API using Node.js, **improving API response times by 40%**, **data accuracy by 35%**, and **overall efficiency by 50%**.
- Successfully integrated essential **e-commerce tools**, including SPAPI (Amazon store handling APIs), Walmart APIs and Shopify APIs that reduce the order handling delays and errors by **50%** in the application.
- Emphasizing **usability** and data-driven decision-making in the design and development process, increasing user adoption by **30%** within the first three months.
- Managed key server configuration, deployment, and optimization tasks, with a specific focus on **AWS technologies**, ensuring high availability and performance, which resulted in a **20%** improvement in overall app performance.
- Integrated **Stripe and PayPal** payment methods into the application, enabling seamless processing of **over 1,000 transactions monthly** with a subscription model.
- Mentored **10+** junior developers, promoting a culture of learning and excellence in **coding practices**, leading to a **30%** reduction in code review time and improved team productivity.

Software Engineer   (Remote), United Arab Emirates
WETECK   January, 2023 - August, 2023

- Revamped a **traditional** Node.js application into a robust system using **Go microservices architecture** and Next.js, enhancing **scalability** by **40%**
- **Integrated messages from Instagram, Facebook, LinkedIn, Gmail, and Slack into a single platform**, leading to a **60%** reduction in response times and a **30%** improvement in **app performance**, significantly making it easy to use.
- Developed a **unified** communication hub using Next.js, enhancing access and management of **multi-source messages**, resulting in a **35%** increase in message retrieval **speed** and a **20% boost** in overall platform usability.
- Achieved scalability and **cross-branch compatibility**, facilitating efficient restaurant management and **communication across locations**, evidenced by a **40%** improvement in inter-branch order processing speed.
- Significantly enhanced organizational communication efficiency by streamlining message management and reducing **platform navigation time**, achieving a **50%** reduction in the time staff spends on **managing communications**.
- Use Redis for session management, **reducing login times by 30%** and improving system performance by **25%**.
- Set up **EC2 for hosting**, **S3 for storage**, and **Docker with ECR and ECS**, **reducing server costs by 40%** and **improving performance by 35%**.

Game Developer Intern   Faisalabad, Pakistan
Mindstorm Studios   July 2021 - September 2021

- Developed a **Hyper Casual Game** using Unity3D, focusing on story writing, enhancing **gameplay cohesion**, and **character creation**.
- Participated in the **Rookie Game Jam**, a competitive event with **over 1,500 participants**, and was among the **260 graduates**.

EDUCATION

FAST-NUCES   Faisalabad, Pakistan
Bachelor of Science in Computer Science   *2018 – 2022*

SKILLS

Programming Languages: JavaScript, TypeScript, Python, Go(lang), Solidity, C++/C, HTML, CSS, SQL.
Frameworks: MERN Stack (MongoDB, Node.js, Express.js, React.js), Python (OpenAI, FastAPI) Vue.js (Vue2, Vue3, Vuex), Angular.js, Nest.js, Next.js, Electron.js
Databases: MySQL, DB2, Postgres, MSSQL Server, SQLite, MongoDB, Alembic, Hibernate ORM, SQL Alchemy.
Tools & Technologies: AWS (Lambda, API Gateway, DynamoDB, S3, EC2, route53, RDS, SQS, Amplify), Docker, kubernetes, Redis, Nginx, CI/CD (GitHub Actions, Jenkins), GitHub.
State Management Systems: Redux, Redux Toolkit, VueX.
Management: JIRA, Trello, Notion, MS Teams, Slack, Click Up.

EXTRACURRICULAR ACTIVITIES

FYP Awarded Selection
- Ignite Pakistan

TAship and Dean's List Certificates
- FAST NUCES

Semifinalist in Speed Programming Competition   2021
- Digital Pakistan Cyber Security Hackathon (2021)