Umair Jibran

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PROFESSIONAL SUMMARY

Highly motivated Full Stack Engineer with over three years of experience in full-stack development. Proven track record of success in delivering high-quality, secure software solutions. A key contributor to Pakistan's First e-Identity solution, which is tested to be adopted by millions of concurrent users. Committed to continuous learning and growth, with a strong work ethic and adaptability to new technologies. Would try to initiate breaking the ice. Passionate about secure and innovative software development. Seeking to further enhance skills and earn cloud certifications.

EXPERIENCE

Full Stack Developer   May 2021 - Present

Productbox   Peshawar, Pakistan

- Developed efficient and scalable applications using **Node.js**, **Serverless**, **AWS**, **Flutter**, **ReactJS**, **Bootstrap**, **GCP**, **TailwindCSS**, and **VueJS**.
- Developed robust and high-performance web servers using **ExpressJS**, harnessing its exceptional middleware capabilities to create efficient and scalable APIs that deliver seamless user experiences.
- Wrote custom **Firebase Functions** for payment processing, push notifications, and other always-on services.
- Created **RESTful APIs** and managed **SQL** and **NoSQL** databases including **MySQL**, **DynamoDB**, **MongoDB**, and **Firebase Firestore**.
- Implemented and maintained secure cryptographic protocols and practices, ensuring data integrity and confidentiality through digital signing, verifying, encrypting, and decrypting using **RSA-2048** and **AES256**.
- Over 85% of test coverage was achieved using **JEST** for comprehensive backend service testing, proactively identifying and addressing potential issues.
- Automate deployment using **GitHub Actions** for frontend and backend projects.
- Collaborated with designers and clients on website architecture and design.
- Collaborated with mobile developers for integration of different APIs.

- Researched and evaluated various software products for integration and motivation.
- Biometric authentication (e.g., fingerprint or face recognition) was implemented using **Flutter's biometric authentication APIs**, which improved app security and user convenience.

Backend Developer   March 2021 - May 2021

MondoQ   Koblenz, Germany (remote)

- Led the creation of MondoQ, an innovative CMS dashboard engineered for streamlined parts management in the shipping domain, centered in Koblenz.
- Worked exclusively on the backend and **DevOps**, focusing on optimizing data processing and system operations.
- Executed the project using **JavaScript**, particularly leveraging the power of **Node.js** to infuse agility and robust functionality into the system.
- Leveraged **sequelize** as the ORM (Object-Relational Mapping) tool, enabling efficient interaction with the database and ensuring data integrity.
- Built a scalable, performant backend with **Express**, emphasizing a well-structured, efficient server.
- Integrated **Multer** for handling file uploads, demonstrating a distinct understanding of data management, particularly in handling diverse data types within the system.
- Implemented **Joi** for data validation, ensuring accurate and reliable information processing.
- Developed a comprehensive **logging system**, storing logs for every action performed within the system, providing a transparent and traceable record of activities.
- Collaborated closely with a local **German cloud provider**, navigating their infrastructure intricacies for heightened system performance and reliability.

Full Stack Developer   January 2021 - March 2021

Drive Safe Medicals   Manchester, UK (remote)

- Orchestrated the development of a **driver medical booking system** tailored for the UK, actively contributing to both backend and frontend components.
- Crafted a responsive and user-friendly admin portal using **ReactJS**, showcasing a contemporary approach to front-end development.
- Engineered the client-side functionalities with **Vanilla JS, HTML, and CSS**, ensuring an intuitive user interface that prioritizes user experience.

- Implemented **TypeScript** in the backend, harnessing the power of Firebase **Firestore**, **Firebase Auth**, and **Firebase Functions** for robust data management, secure user authentication, and server-side logic.
- Integrated **Stripe** as the payment gateway, fortifying financial transactions with a seamless and secure payment solution.

Mobile Application Developer   Aug 2020 - Nov 2020

Ideometrix   Islamabad, Pakistan

- Utilized the MVVM (Model-View-ViewModel) architecture or MVC (Model-View-Controller) architecture to structure and organize the codebase, separating concerns, improving code maintainability, and facilitating future updates and modifications.
- Integrated Firebase services (**Firestore**, **Authentication**, **Storage**, and **Cloud Messaging**) to enhance the functionality and user experience of the Flutter application.
- Utilized local storage mechanisms such as **SQLite** or shared preferences to store and manage persistent data within the Mobile apps.
- Integrated third-party APIs (e.g., payment gateways, and social media platforms) into the Flutter application, enabling seamless communication and data exchange between the app and external services.

INDUSTRY SKILLS

Technologies: Node.js, Serverless, RESTful APIs, Frontend Frameworks (ReactJS, NEXT, Vue, HTML, CSS, Vanilla JS, Bootstrap, TailwindCSS, AlpineJS), Flutter, JEST, Dart, PHP, C++, RUST, Go, Socket.io, Sequelize,
Databases: MySQL, DynamoDB, Firebase Firestore, MongoDB, ScyllaDB, CassandraDB
Cloud Infrastructure: AWS, GCP, Azure
Testing and Quality Assurance: Unit Testing, Integration Testing, End to end-to-end testing
Supporting Tools: Figma, AdobeXD, XCode, VS Code, Android Studio, Git, GitHub, Swagger, Mocha, Chai, WordPress, GitHub Actions

VOLUNTEER WORK

Student Ambassador   Aug 2020 - Dec 2021

Microsoft   Peshawar, Pakistan

As a Microsoft Student Ambassador, I achieved the following:

- Spearheaded the promotion and adoption of Azure tools among university students for projects and startups means that I was responsible for leading the effort to make Azure tools more well-known and used by university students for their projects and startups. This involved creating and implementing marketing and outreach campaigns, developing educational materials, and providing technical support. I also worked with university administrators and faculty to develop programs and initiatives that would encourage students to use Azure tools.
- As a result of my work, Azure tools became more widely used by university students for their projects and startups. This led to increased innovation and entrepreneurship among students, as well as a stronger pipeline of talent for the tech industry.
- I facilitated impactful workshops on GitHub and Cloud Computing, empowering students with practical cloud skills. I taught students how to use GitHub to collaborate on code projects and how to use cloud computing services to store and process data. I also provided students with hands-on experience using these technologies through a series of exercises and projects. The workshops were well-received by students, who reported that they learned a lot and felt more confident in their ability to use these technologies.

Tech Consultant   Aug 2022 - Present

Tameer Foundation Pakistan   Peshawar, Pakistan
- Leading innovative technological initiatives at Tameer Foundation, ushering the organization into a new era of digital excellence.
- Developing creative solutions that transcend conventional boundaries, fosters a culture of continuous innovation within the organization.
- Shaping the foundation's digital identity through cutting-edge WordPress solutions, with a focus on creating a distinctive online presence that reflects its mission and engages a diverse audience.
- Integrating strategic tech consultancy with hands-on involvement in field projects to optimize limited manpower resources and enhance operational efficiency.
- Actively participating in on-site implementation of tech solutions to address real-world challenges and contribute to the foundation's success.