Shehreyar Ali

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Skills & Abilities

– Languages/Frameworks: Python, C++, Java Script, React.js, SQL, Node JS, Nest JS, Golang
– Test driven development
– CI/CD pipeline using Github actions and AWS
– Docker
– Python Libraries: Pandas, NumPy, Scikit, Beautiful Soup, Jupyter Notebook, TensorFlow
– Good communication skills, keen at problem-solving and critical thinking, quick to pick up new skills.

Experience

Rewaa Tech – Software Engineer   07/2023 – Current

– Streamlined legacy components by reducing function calls, focusing on optimizing data retrieval processes.
– Led the refactoring efforts for a pivotal core component in the POS system, specifically the receipt generation module within the Angular framework.
– Achieved a substantial reduction in loading times by several seconds, notably enhancing the overall user experience.
– Actively contributed to the production team by addressing and resolving numerous bugs within the system.
– Implemented data fixes directly within the production database using SQL for manipulation.
– Effectively resolved backend issues using NestJS and addressed frontend challenges within the Angular framework.

Elphinstone LLC – Software Engineer   07/2021 – 07/2023

– Created user-friendly dashboards and admin panels using React JS and Tailwind CSS, resulting in a greater increase in user engagement.
– Developed MVPs for B2B, B2C, and Admin panel products through TDD using Nest JS, Typescript, and Type ORM with SQL, leading to new business and revenue growth.
– Optimized database queries using Type ORM, resulting in a reduction in query response time.
– Created a scalable service using Golang and Temporal to interface with asset management companies, processing thousands of requests per second.
– Deployed a front-end website for a US stock trading app on a remote Linux server and later migrated it to AWS EC2 for scalable application management.
– Built a secure money transfer service using Typescript, Express.js, and MongoDB, handling hundreds of thousands of dollars in transactions.
– Implemented containerization for several services by creating Docker files
– Created CI/CD pipeline for multiple back-end repositories using Github actions and AWS EC2 instances
– Proficient in setting up an Amazon Elastic Container Service (ECS) cluster for efficient deployment and management of containerized applications.

Cloud Primeiro/Jogo.aí – Project Management Trainee   **04/2021 – 07/2021**

- Successfully led cross-functional software development teams using agile methodologies.
- Managed stakeholder communication and streamlined workflow procedures, resulting in a reduction in project turnaround time.
- Conducted team training on agile methodologies, communication, and conflict resolution.

Computer Science Tutor, Preply   **01/2020 – 11/2021**

- Conducted over 200 hours of one-on-one tutoring and group instruction in Python, C++, and C#.
- Created personalized lesson plans and course materials tailored to each client's specific needs and goals.
- Received consistently positive feedback from clients, with a 95% satisfaction rate and significant improvements reported in their programming skills and projects.

Education

Karachi Grammar School – O/A Levels **2013-2017** –
O and A levels in pre-engineering subjects

Habib University – Bachelor's in Computer Science   **08/2017 – 08/2022**
– Relevant Coursework**:** Data Science, Artificial Intelligence, Algorithms, Data Structures, Data Bases, Probability and Statistics.