

Muhammad Ammar Siddiqui

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SUMMARY

A results-oriented Software Engineer, specializing in designing custom software solutions and driving new feature development. A proven track record of coordinating with teams throughout the application development cycle.

EXPERIENCE

Software Engineer

June 2024 - Present, Karachi, Pakistan

Techlogix

- Spearheaded the development of digital banking application for one of Pakistan's premier bank, serving a staggering user base of 1M+ active users.
- Collaborated on building a design system with senior engineers that reduced overall development time by 60%.
- Created multiple critical business components and reused them throughout the application improving consistency by 70%.
- Refactored multiple core business components using SOLID principles that reduced overall maintenance cost and time by 50%.
- Implemented new features and collaborated with the client effectively throughout the development and testing phase.

Software Engineering Intern

November 2023 - May 2024, Karachi, Pakistan

Gaditek

- Built new and maintained existing features for a data protection cyber security product PurePrivacy.
- Improved Unit test coverage on Sonar from 70% to 85% using Jest.
- Improved code quality and maintenance by removing smells and performing refactoring reducing bug-resolving time by 35%.

PROJECTS

FARM.21

- Created a full-stack mobile application using React Native for the front end and NodeJS, and ExpressJS for the back end.
- Integrated a rank-based system for users and their comments similar to the model of Stack overflow and multi-factor authentication using Supabase.
- Implemented chat server using NestJS and integrated with frontend using a socket connection.

MEDDICAL

- A Hospital Management System built using Elephant SQL (A Postgres cloud service).
- Created appealing user interfaces using Material UI.
- Integrated token-based authentication using JWT.

Sarcasm Detection in News Headlines

- Implemented a machine learning model using a Support Vector Machine Classifier using the provided annotated data.
- Processed documents to extract syntax and semantic meanings along with features to classify the document as sarcastic.
- The model generated an accuracy of 95% calculated using the k-fold method.

EDUCATION

Bachelor of Science in Computer Science

FAST, National University of Computer and Emerging Sciences • Karachi, Pakistan • 2024 • 3.78 CGPA

- Dean's List of Honors in 8 consecutive semesters
- Graduated with Magna Cum Laude (with great distinction)
- 6th position in ICPC regional qualifiers 2024
- 10th position in IEEE Extreme Programming 2023

SKILLS

Languages: Javascript, Typescript, Python, C, C++, HTML/CSS

Databases: Oracle DB, MSSQL, PostgreSQL, MySQL, MongoDB

Frameworks: Flask, ReactJS, NodeJS, ExpressJS, React Native, KnockoutJS

Cloud: Azure DevOps, Azure Cloud Service, Docker

Productivity: Git, Redux, Jenkins