Zohaib Ahmed

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EDUCATION

Saint Louis University   Aug 2020 – May 2024
Bachelor of Science in Computer Science | GPA: 3.8   *St. Louis, MO*

EXPERIENCE

Enterprise   May 2023 – Aug 2023
Software Engineer Intern   *St. Louis, MO*
- Pair-programmed with experienced engineers to drive the development of 3 Vue/Spring Boot applications utilizing Java and Javascript to implement new features and complete ∼32 Jira tickets.
- Collaborated on an Agile team to address critical business needs and ensure the smooth operation of multiple internal applications.
- Implemented and deployed comprehensive test suites for key services using JUnit and Mockito to increase Sonar test coverage by approximately ∼12%.

Saint Louis University   Jan 2023 – Current
Teaching Assistant   *St. Louis, MO*
- Assist professor in grading Object-Oriented assignments for class of 50+ students through use of JUnit testing and manual code review.
- Organize weekly review sessions and office hours to assist students with understanding course material and problem sets.
- Utilize knowledge of software design principles to provide guidance on best practices and design patterns.

Lingotutors   Jan 2022 – May 2022
Software Engineer Intern   *St. Louis, MO*
- Developed web application features using PHP within the Laravel framework to improve the user experience, and increase the functionality of the application.
- Worked in an Agile development environment, participating in weekly stand-ups and retrospectives, and contributing to the development of project management tools and processes.
- Utilized Git for version control and code review, to ensure code quality and maintain a clear development history.

PROJECTS

Productivity Manager Web App | *Typescript, Python, PostgreSQL*   December 2023 – January 2024
- Designed a NextJS frontend using TailwindCSS styling to provide a simple, intuitive user interface where users can manage upcoming events and assignments
- Implemented a Flask RESTful API to handle CRUD requests managing a PostgreSQL database storing user calendars.
- Integrated Google Gemini API to interpret human-text commands to conveniently manage user data.

CLI Google Drive Integration | *Golang, Cobra*   February 2024 – Current
- Developed a command-line interface application allowing users to authenticate, upload and unload files via a local terminal window to Google Drive.
- Implemented secure OAuth authentication and leveraged the Drive API to perform nested commands to seamlessly mesh local and Drive file systems.

COURSEWORK

Current: Capstone Project, Natural Language Processing
Completed: Software Engineering, Databases, Algorithms, Data Structures, Object-Oriented, Machine Learning

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript/TypeScript, Golang, HTML/CSS, R
Frameworks: React, Node.js, Next.Js, Angular, JUnit, Langchain, Spring Boot, Flask
Developer Tools: Git, Agile, VSCode, PyCharm, IntelliJ, Eclipse