A D E E L   S U L T A N

SOFTWARE DEVELOPMENT ENGINEER

Chicago, IL ✉ adeel4sultan@gmail.com 📞 (920) 757-4504 in sultanadeel ○ adeel-s

EXPERIENCE

Fullstack Developer @ hired.ai *Chicago, IL | December 2024 - Present*

- Developed a Flask-based job posting board for entry-level developers, filtering jobs by experience (0-3 years), location, and work arrangement, resulting in a 80% reduction in time spent on unqualified applications by users.
- Implemented a robust data pipeline using Python and third-party APIs (Indeed, Glassdoor, ZipRecruiter, Google Gemini) to acquire and process 5,000+ daily job postings, improving data accuracy by 20% compared to general job boards.
- Leveraged Google Gemini's API to classify job descriptions by experience level (reducing mismatches by 75%), remote eligibility, and salary, enabling users to efficiently target appropriate roles.
- Generated customized resumes and cover letters using Gemini, enhancing application quality and increasing user success rate by at least 15% (based on user feedback).
- Stack: Python, Flask, PostgreSQL, HTML, CSS, Javascript, Jinja, Google Gemini API

Software Engineering Intern @ Oshkosh Corporation *Oshkosh, WI | January 2023 - May 2024*

- Developed a ROS 2-based LiDAR data fusion pipeline in Python and C++, increasing obstacle detection by 40% and adding rear-view obstacle classification for an autonomous vehicle prototype.
- Improved vehicle mapping capabilities by concatenating data from two LiDAR sensors, reducing blind spots and improving safety for autonomous pull-up maneuvers.
- Implemented a Docker container for seamless deployment of the pipeline onto the NVIDIA Drive ORIN SOC, accelerating integration into the autonomous stack.
- Collaborated in an Agile environment using Git for version control and daily scrums, successfully deploying a proof-of-concept iteration and receiving leadership approval for further development.
- Stack: Proprietary ROS 2 Autoware Universe Python/C++ build running on NVIDIA Drive ORIN Embedded compute unit

Lead Developer @ University of Wisconsin - Oshkosh *Oshkosh, WI | September 2023 - December 2023*

- Led development of a C#/.NET MAUI recipe application with a PostgreSQL database, meeting 90% of major project deadlines by prioritizing Minimum Viable Product (MVP) functionality.
- Designed and implemented a tiered architecture (UI, Logic, Database) and MVVM design pattern, improving code maintainability and reducing development time by 10%.
- Created and prioritized user stories in an Agile environment with bi-weekly scrums, ensuring efficient allocation of development resources.
- Developed a user interface in XAML, allowing users to filter recipes by various criteria (dietary restrictions, ingredients, etc.), improving user experience and engagement.
- Stack: C#/.NET MAUI, XAML, PostgreSQL

SKILLS

- **Programming Languages**: Python, Java, Javascript, HTML/CSS, C#, C++, SQL
- **Frameworks**: Node.js, Flask, .NET Maui, Flutter

- **Tools**: Git/Hub, VS Code, Visual Studio, Docker, Android Studio, Pandas

EDUCATION

Bachelor of Science in Computer Science with Honors *University of Wisconsin - Oshkosh | 2020 - 2024 | GPA: 3.8 | Dean's List | Undergraduate Research Grant Recipient*