Kashyap Rana

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EDUCATION

Bachelor of Science in Computer Science, University of Central Florida   **December 2023**

SKILLS

Languages: C/C++, Java, Python, JavaScript, TypeScript, HTML, CSS, Rust, Bash, SQL.

Technologies: React.js, Angular, Node.js, AWS Lambda, PostgreSQL, ReactNative, Git/Github, Docker, Jira.

EXPERIENCE

Full Stack Software Developer, National Security Innovation Network   **June 2023 – August 2023**

- Designed UI artifacts for mobile and web with Figma to meet client specifications for the admin dashboard.
- Created front-end data visualization UI components with ReactNative to streamline data management processes.
- Transitioned database from Firebase to PostgreSQL, to create data relationships similar to military hierarchy.
- Collaborated in developing endpoints utilizing Lambda functions facilitating database transition.

PROJECTS

Software Team Lead, Army Reserve Project Mercury   **January 2023 – December 2023**

- Led team of 4 developers in new feature implementation and debugging, utilizing Jira for project management.
- Successfully delivered a unified mobile and web application for beta testing with Army Reserve units, providing a digital solution to transition 1380 & RST forms from paper-based processes to electronic platforms.
- Showcased the final product in front of Army Reserve officials including a General, the UCF Dean, and students.
- Documented the application intricacies in Confluence, providing comprehensive resources for future teams.
- Integrated dashboard to visualize real-time soldier-readiness data for efficient decision-making for tasking.
- Transformed budget management by implementing effective tracking systems, resulting in sustained adherence to budgetary limits without the need for additional funding requests throughout the fiscal year.
- Refined the mobile user interfaces to be tailored for soldiers and successfully implemented a resilient solution that accommodated 150 Beta Testers.
- Resolved over fifty user-reported bugs, swiftly diagnosed issues, and implemented effective fixes.

Software Developer, Tempo   **November 2023**

- Enhanced Spotify's music recommendation algorithm to favor more niche artists and music genres.
- Designed interactive charts to show user's listening statistics, retrieved using Spotify Web API.
- Implemented sign-in functionality to verify Spotify credentials with ReactNative & Expo Auth.

Software Developer, All Primes   **January 2023**

- Developed algorithm to find primes from 2 to 100 million using multithreading within 10 seconds in Java.