AKSHAT ADSULE

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EDUCATION

University of California, Davis | *GPA: 3.9 of 4.0, Dean's List*   June 2026 (Expected)
Bachelor's of Science. | *Computer Science & Engineering*
Minors | *Mathematics*

EXPERIENCE

Application Developer | *UC Davis Information and Educational Technology*   October 2023 - Present
Assisting development and maintenance of a platform for academic personnel

- Worked with students and senior developers to maintain MyInfoVault, an all-encompassing platform for academic personnel
- Developed 10+ new features in a complex and mature Java Spring web application as per the needs of actual users
- Collaborated on an ongoing UI refresh and transitioned existing JSP pages to modern technologies such as Vue.js and Angular

Software Development Intern | *American Wild Horse Campaign*   June 2023 - September 2023
Leading development of a new platform for managing wild horse populations

- Worked with a team of fellow interns to build & release a full-stack mobile application to gather crowd-sourced data for an ongoing project to identify and tag horses in the wild with machine learning
- Designed and deployed backend systems for image processing, user management, and app functionality using standard technologies and platforms such as Node.js, Microsoft Azure, Google Firebase, PostgresSQL, Docker, and Kubernetes.
- Implemented machining learning models in to the backend to ensure image validity and quality whilst removing unwanted and dangerous content
- Worked on a custom cross-platform mobile application for AWHC members to contribute & maintain a connection with the organization

PROJECTS

Blood Pressure Tracker |

- Built and published an Android/iOS app, initially for my grandparents, that helped users track their blood pressure and heart rate over time
- Published on Google Play Store with over one hundred global installs in the first 3 months of release

The Mustang Alliance |

- Led development for a cross-platform mobile app development during the 2020 Pandemic
- Allows our team to record and analyze the performance of other teams during a competition to determine optimal strategies and team alliances
- Enables scouters to record data on other teams during matches, and then analyze the data to determine the best teams to partner with and identify weaknesses in other teams

SKILLS

Expertise: Mobile Development | Web Development | Backend Development | Full-Stack Development | Project Management | Technical Writing | Team Leadership
Technologies & Platforms: Git | Android | Kotlin | iOS | Swift | SwiftUI | Objective-C | Flutter | React | Docker | Kubernetes | Azure | AWS | Google Cloud Platform | Firebase | *SQL | Linux | Web Development | RESTful APIs | Container Orchestration | CI/CD Pipelines | Agile Development
Languages: C++ | C | Python | Java | JavaScript/TypeScript | HTML/CSS | SQL | Rust | Swift | Kotlin