Rishabh Raj

linkedin.com/in/rishabhrajcs | rishabhraj.net | raj@rishabhraj.net | (623) 280-8705 | github.com/rishabhrajphx

EDUCATION

Bachelor of Science — May 2026
Arizona State University — Tempe, AZ

Relevant Courses: Data Structures and Algorithms, Logic in CS, Software Engineering, Information Assurance
Programming Languages: Javascript, HTML, CSS, Python, Java, C/C++, Pearl, x86, Dart, Rust
Framework/Libraries: React; Node.js; Flask; Angular; Tailwind, Flutter, PyTorch   ***Database:*** MongoDB; SQLite
Miscellaneous: Git, Bash, Machine Learning, Cyber Security, Data Visualization, JUnit Testing, GPT, Cursor, AWS

RELEVANT EXPERIENCE

Office Manager — October 2023 - Present
ASU Alumni Association — Tempe, Arizona
- Engage in day to day activities, Tailgates, and Open Houses of the Alumni Association. Boosting **ASU Spirit**.
- Event Management, accommodating Foreign Officials, AZ Sports Team. Leading to **positive** social outcomes and increasing brand Loyalty.
- Saved time by **automating mail tracking** using barcodes, and **Linkedin lookups** using **Python**.

Software Engineer; Executive Tech Support — May 2024 - August 2024
AZPBS — Phoenix, Arizona
- Wrote python scripts to **automate** temporary **admin rights** for users reducing travel time for **smooth operations**.
- Identified and rectified the **CloudStrike outage** at AZPBS and the ASU Phoenix campus, helping **100+ users** by EOD.
- In my downtime, I **looked for bugs** in existing code, did wire management, and **shadowed** Senior Software Engineers.

PROJECT EXPERIENCE

Hyper Local Socialization App — December 2024 - Present
- **Developed** a Hyper Local Socialization **App** using the **Flutter** framework and **Dart**, which I learnt from scratch, enabling users to search for and visit nearby events.
- **Integrated** Google **APIs** for location-based searches and Firebase for backend support, ensuring real-time data updates and secure storage.
- **Utilized AI tools** for efficient coding, automate repetitive tasks, and optimize app processes, mastered the **integration** of **AI** into the **development** process.

Portfolio Project: rishabhraj.net — December 2024 - Present
Web Development, Site Reliability, Natural Language Processing, Plugins
- Developed intuitive **UX** and clean **UI** with interactive **3D** effects using **Typescript** and **three.js**.
- Created a job application portal with a **Natural Language Processor** using **Machine Learning** to Parse Resume to Autofill.
- Deployed a **plugin** inspired by the **One Sec App**, to shut down x.com and launch Leetcode.

CyberSecurity: pwn.college — August 2024 - Present
- Solved over **300 Cybersecurity Problems** and learnt Reverse Engineering to solve Encryptions like RSA, SHA, ECB.
- **Helped** over 150 unique students in class to understand challenge objectives.
- Master concepts of Cryptography, building a Web Server in x86 Assembly, Program Security

Java based Access Control Software — August 2024 - December 2024
- Collaborated with a Team of 5 on an **JavaFX** Access Control System inspired by **AWS IAM**.
- Features include: User login, Admin controls, User Invite, Password Resets, and Role-based **Multi-Level Permissions**, and **Testing** using **JUnit**.
- Built Production Level code following best Coding Practices, was **graded 100** 4 times in 5 months on the project.
- Implemented audit logging and scalable architecture, supporting future integration at scale.

CAMPUS & COMMUNITY INVOLVEMENT

Moderator — January 2025 - Present
reddit.com/r/justbuildbro — Tempe, AZ
- Working on build a community of Computer Science Students focused on building and shipping product

C2 @ E2 — August, 2024
Ira A. Fulton Schools of Engineering, ASU — Prescott, AZ
- Met incoming students, increased cohesion within team, enhanced problem-solving skills, and taught the Fulton way of life.