

# OMKAAR SHENOY

Email: omkaarshenoyos@gmail.com | Website: omkaarshenoy.github.io | Phone: +1 3413457209

## EDUCATION

### B.S. in Computer Science

Arizona State University

Minor in Media Arts and Sciences

GPA 4.00 | May 2025 (expected)

Tempe, Arizona

**Relevant Coursework:** Data Structures, Artificial Intelligence, Theoretical CS, Software Engineering

## WORK EXPERIENCE

### Software Engineering Intern, *WebstaurantStore*

Lititz, PA | May 2024 - Present

- **Developed** multi-step automation scripts using **Groovy**, reducing manual testing time by **40%** and increasing test accuracy, allowing the team to prioritize high-impact tasks and improve overall efficiency.
- **Implemented and maintained** the in-house automation framework integrating **Selenium Grid**, enabling parallel test execution and reducing test cycle time by **50%**, improving test coverage, facilitated rapid feature development, and established a scalable test infrastructure.
- **Authored** complex **SQL queries** to extract and analyze critical data, improving data-driven decision-making and reducing post-release defects by **30%** through the identification of critical bugs, enhancing product quality and reliability.

### Automation Engineer, *Media Relations @ ASU*

Tempe, AZ | November 2023 - Present

- Scripted innovative automated workflows with **Javascript**, resulting in a 40% reduction in manual effort and a 30% improvement in content delivery timelines across 5+ departments.
- Engineered and fine-tuned databases for the ASU Flagship and Public Relations team, optimizing efficiency and facilitating seamless collaboration among team members.

### Frontend Engineer Intern, *National Public Radio*

Washington, DC | June 2022 - August 2022

- Launched iOS Smart Banners on all npr.org pages using **PHP**, and deployed the feature to **over 50 million monthly** NPR users, resulting in a **10% increase** in NPR One App usage.
- Improved company SEO, UI and UX by developing and launching the NPR One app product page utilizing **HTML5, CSS, and JavaScript** for a dynamic and responsive user interface.
- Mastered collaboration with **Git and Jira**, and utilized **Docker and Kubernetes** for efficient handling of traffic in production, successfully building and testing in various QA environments.

## PROJECTS

### Medharbor | React, Express.js, MongoDB

Personal Project

- Led end-to-end development of a universal medical record database, employing React, Express.js, and MongoDB, ensuring a secure, scalable, and responsive interface.
- Engineered robust APIs for efficient and secure data storage and retrieval addressing medical record accessibility issues aimed at enhancing patient-physician collaboration.

### Apptrack | Python, Flask, Vue.js, Vuetify, OpenAI API

CalHacks Project

- Developed an AI-driven platform for college application guidance using the OpenAI API, leveraging Python, Flask, and Vue.js for backend and frontend development, enhancing user engagement with personalized recommendations and application insights.
- Designed a user-friendly interface with Vue.js and Vuetify, optimized API calls to the OpenAI API, achieving a 30% improvement in response times, and conducted thorough testing to ensure accuracy and reliability of AI-generated outputs.

## LEADERSHIP

### Director, *sunhacks*

Spearheaded the planning and execution of sunhacks, Arizona's largest student-run hackathon, overseeing all aspects including event coordination, sponsor engagement, and team management leading to increased participant engagement by 130%.

## TECHNICAL SKILLS

**Languages and Frameworks:** Java, Python, C++, HTML, SCSS, Javascript, MySQL, Angular, MongoDB

**Tools:** AWS, Figma, Git, Github, Windows, MacOS, Excel, Airtable, Latex, Tableau