

OMKAAR SHENOY

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EDUCATION

B.S in Computer Science, Minor in Media Arts and Sciences
Arizona State University

May 2025
Tempe, AZ | GPA: 4.00

WORK EXPERIENCE

- Incoming Junior Data Engineer**, *Aramark* Philadelphia, PA | Starting June 2025
- Design cloud-native data pipelines (Python, Java) and optimize SQL on Azure to deliver scalable BI solutions.
- Jr Software Engineer**, *WebstaurantStore* Remote | May 2024 - May 2025
- Developed multi-step automation scripts using **Java**, 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%** establishing a scalable test infrastructure.
 - Authored complex **SQL queries** to analyze critical data, improving data-driven decision-making and reducing post-release defects by **30%** through the identification of critical bugs.
- Digital Systems Specialist**, *Media Relations @ ASU* Tempe, AZ | November 2023 - May 2025
- Automated Airtable workflows with JavaScript, cutting manual effort by 40% and speeding up content delivery 30% across 5+ departments.
- Software Developer 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** with **React, Express.js, and MongoDB**, providing secure, scalable, and responsive solutions for enhancing **patient-physician collaboration** through efficient data accessibility.
- SuperTutor | React.js, FastAPI** *HackSoDa Winner* | October 2024
- Built an interactive **LaTeX-based course tool** with **AAA-compliant accessibility** (text-to-speech, customizable UI) and **OpenAI API integration**, winning an ASU club hackathon by enhancing community-driven resources.
- HackKit | Next.js, PostgreSQL** *Open Source Project by ACM UTSA* | August 2024
- Contributed to **open source development** by creating a **points system** used by hackathons across America with **Next.js** and **PostgreSQL**, reducing response times by 40% and boosting user engagement by 25%.

LEADERSHIP

- Director**, *sunhacks*
- Led Arizona's largest hackathon, managing logistics, sponsor relations, and team operations, boosting engagement by 130%.
- Undergraduate Teaching Assistant**, *Engineering Projects in Community Service (EPICS)*
- Supported 250+ students through lecture delivery, assignment grading, and personalized guidance.

TECHNICAL SKILLS AND COURSEWORK

Tools: Python, Java, JavaScript, TypeScript, SQL, React, Node.js, Next.js, Express, Swift, HTML, CSS
Databases: MongoDB, MySQL, PostgreSQL, AWS (EC2, DynamoDB, Lambda, S3), Git, Docker, Cypress
Other Skills: REST APIs, Full-Stack Development, Agile Methodologies, Test Automation, SEO, UI/UX Design