



EXPERIENCE

- **JPMorgan Chase** Wilmington, DE
Software Engineer Nov 2024 - Current
 - Overhauling existing legacy case management system for litigation in the Collections department with new services and infrastructure
 - Utilizing Java, Spring Boot & Batch, SQL, PostgreSQL, AWS, Kafka, Terraform, Docker, JUnit, and more
- **Ochsner Health** New Orleans, LA
Software Engineer Nov 2021 - Nov 2024
 - Built and owned the C# backend for Ochsner Digital Medicine's enrollment portal
 - Onboarded 20,000+ Ochsner patients and multiple partner companies
 - Sole backend engineer for the portal, responsible for system design, implementation, testing, and deployment
 - Built test suites for the app and portal with 100% coverage, reducing QA time from days to minutes
 - Spearheaded backend development for Inhaler Tracking, achieving first ever FDA-approved device in company history
 - Unified two C# projects, Aging At Home & Connected Home, into new app Connected Living
 - Restructured a 5,000+ LOC controller file into 90+ modular controllers, migrated from ASP.NET MVC to WebAPI
- **American Express** Phoenix, AZ
Software Engineer Intern Summer 2019 & 2020
 - 2020: Developed a Node.js service that abstracted multiple REST APIs into a unified GraphQL endpoint
 - 2019: Updated Kubernetes microservices to populate necessary static & dynamic Hashicorp Vault secrets
- **Arizona State University** Tempe, AZ
Teaching Assistant Aug 2018 - Dec 2018
 - Supported 250+ students in ASU's intro Java course through tutoring, labs, review sessions, and other help
- **Google, via Vaco SF** Tempe, AZ
Google Student Innovator Aug 2018 - Dec 2018
 - Represented Google Cloud at ASU for Google, engaging students through campus outreach
 - Held onboarding sessions, technical workshops, demos, and Google swag giveaways
- **ASU Research Computing** Tempe, AZ
Scientific Software Engineer, HPC May 2018 - Aug 2018
 - Improved molecular dynamics simulations benchmarks by 31%+ with parallel programming paradigms MPI & OpenMP
 - Presented data at the PEARC Conference, fully funded by NIH

SKILLS

- **Languages:** Java, C#, JavaScript, TypeScript, SQL, HTML, CSS, Bash
- **Frameworks:** Spring Boot, JUnit, React, Next.js, Node.js, Tailwind, Jest, Playwright, ASP.NET Web API
- **DevOps:** AWS, Docker, Terraform, Jenkins
- **Tools & Technologies:** Git, Kafka, REST APIs

EDUCATION

- **Arizona State University** Tempe, AZ
B.S. in Computer Science; GPA: 3.43/4.0 Aug 2017 - May 2021
 - **Capstone:** Publication Repository for NASA JPL's Psyche Mission
 - Designed and developed an online repository for NASA in a six member team to search, categorize and archive Psyche Mission publications (journals, books, conference proceedings, etc.) using MongoDB, Express, React, NodeJS, and AWS S3
 - **National Merit Finalist:** Received full ride scholarship to Arizona State University
 - Studied abroad in Barcelona, Spain during Fall 2019 semester

PROJECTS

- **Portfolio**
www.sahandamini.com
 - Developed personal website using React, Next.js, Node.js, Tailwind CSS, shadcn-ui, PostHog, Jest, Playwright, and Vercel