

Shiyang Zhao (Shawn)

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EDUCATION

Bachelor of Science Computer Science

Jan 2020 - Dec 2022

Arizona State University, Tempe, AZ

3.92 GPA

New American University Scholarship UG

Summa Cum Laude

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C#, C/C++

Front-End: HTML, CSS, React.js, Bootstrap, Sass, Tailwind CSS, Material UI

Tools: Spring, Django, Selenium, Jenkins, Node.js, Git, PostgreSQL, MySQL, SQLite, AWS, Heroku, Docker

PROFESSIONAL EXPERIENCE

RND4IMPACT, San Jose, CA: Software Developer

03/2023 – 09/2023

- Developed full-stack web applications that utilize technologies such as **Java**, **Python**, **JavaScript** including **Spring Boot**, **React.js**, **Django**
- Collaborated with a team of 5 members to gather requirements, design system architectures, and implement solutions
- Utilized **Scrum**, **Jira** to track the progress of the project, and **Git** for version control, achieving a 95% on-time project delivery rate
- Improved overall website performance by 30%, resulting in faster loading times, smoother user interactions, and an enhanced user experience

PROJECTS

Employee Management System - EmploVerse

Spring 2023

- Built EmploVerse, an employee management web application using **Java Spring**, **React.js**, and **MySQL**, with RBAC and JWT for secure authentication
- Developed CRUD operations, attendance tracking, RBAC, and payroll system, resulting in a 35% improvement in efficiency in employee management
- Implemented real-time chat functionality using **WebSocket**, resulting in a powerful 30% reduction in email correspondence for internal communication
- Utilized **AWS** and **Heroku** to deploy and manage, ensuring seamless scalability, robust security, and efficient backend services

Social Media Web Application - Metasphere

Spring 2023

- Developed Metasphere, a dynamic social media web application utilizing **Python**, **Django**, **React.js**, **PostgreSQL**, **Bootstrap**, and **Docker**
- Implemented a robust search, file sharing, and lively comments, and fosters vibrant conversations by private messaging and group chats utilizing **WebSocket** and **Django Channels**
- Integrated **Jenkins** with **Webhooks** in Github and **Selenium** to automate CI/CD pipeline
- Increased the efficiency of file sharing by 20% and user engagement by 40%

VOLUNTEER

HOPE CHURCH MOVEMENT AT ASU, Tempe, AZ: Guest Experience Associate

04/2020 – 12/2022

- Developed interpersonal skills and leadership within a guest experience team of 30
- Created an immersive, inviting experience for 250 guests every time
- Collaborated with cross-functional teams to identify opportunities for enhancing efficiency in processes, resulting in a 23% increase in efficiency