Shiyang Zhao

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SUMMARY

Highly skilled Computer Science Bachelor with proven expertise in full-stack development and object-oriented programming seeking challenging full-time job opportunities

EDUCATION

Bachelor of Science Computer Science   December 2022
Arizona State University, Tempe, AZ   3.92 GPA
New American University Scholarship UG

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C#, C/C++
Front-End: HTML, CSS, React.js, Bootstrap, Tailwind CSS
Tools, Databases, and OS: Spring, Django, Selenium, Jenkins, Node.js, Git, GitHub, Postman, PostgreSQL, MySQL, AWS, Heroku

PROFESSIONAL EXPERIENCE

RND4IMPACT, San Jose, CA: Software Developer   03/2023 - Present
- Developed full-stack web applications that utilize technologies such as, but not limited to, **Java**, **Python**, **JavaScript**, and their libraries and frameworks
- Collaborated with cross-functional teams to gather requirements, design system architectures, and implement solutions
- Utilized agile development methodologies, such as Scrum, to deliver high-quality software products within scheduled deadlines, 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

RELEVANT PROJECTS

Employee Management System - EmploVerse   Spring 2023
- Developed EmploVerse, an employee management web application using **Java Spring**, **React.js**, and **MySQL** with RBAC and JWT for secure authentication
- Streamlined employee management processes, achieving up to 30% improvement in efficiency through seamless CRUD operations, advanced search capabilities, and simplified user access management
- Implemented real-time chat functionality, resulting in a powerful 45% reduction in email correspondence for internal communication
- Achieved a remarkable adoption rate, with 80% of the organization's employees actively using EmploVerse for daily employee management tasks
- 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**, **PostgreSQL**, **Bootstrap**, and **Font Awesome**
- Implemented a robust search, file sharing, and lively comments, and fosters vibrant conversations through private messaging and group chats
- Integrate **Jenkins** with **GitHub** using webhooks and **Selenium** to automate CI/CD pipeline
- Increased the efficiency of file sharing by 20% and user engagement by 40%
- Received positive feedback from users, with a 90% satisfaction rate reported in user surveys