VANESSA NGUYEN

SOFTWARE ENIGNEER

OBJECTIVE

To obtain a challenging Software Engineering position where my creativity, problem-solving skills, and experience with frontend/backend development, database management/manipulation, API integration, and AI knowledge can be utilized to enhance user experiences and drive business objectives.

EXPERIENCE

Novalink Solutions – *Software Engineer*
Jan 2024 – Present
- Contributed to the development of website features, emphasizing user-centric design and smooth scalability across platforms.
- Coordinated with designers and product managers in an agile environment, ensuring front-end components (React, Angular) aligned with user requirements.
- Integrated back-end services in Node.js and Java to improve data handling and reliability across different modules.
- Established CI/CD pipelines to streamline deployment processes and maintain a consistent release schedule.
- Worked on database optimizations (SQL and NoSQL), enhancing data flow to support website growth and changing business needs.
- Engaged in code reviews, debugging sessions, and documentation to support knowledge sharing within the team.

GEORGIA TECH RESEARCH INSTITUTION – *Software Engineer Student Researcher*
Sep 2022 – Aug 2023
- Developed and tested software prototypes using Python and Java in a collaborative research setting.
- Wrote secure code to protect confidential academic data, following university and industry standards.
- Drafted technical documentation outlining the methodology and results of various proof-of-concept projects, aiding future research initiatives.

Cipher IT Student Assistant
Aug 2020 – Sep 2022
- Provided hands-on IT support to faculty and staff, resolving software, network, and hardware challenges.
- Wrote custom scripts in Bash and Python to automate repetitive tasks, reducing manual workload for the department.
- Communicated technical concepts and solutions effectively, ensuring consistent collaboration on escalated issues.

KENNESAW STATE UNIVERSITY – *UITS Service Desk Student Support*
May 2018 – Sep 2020
- Served as an initial point of contact for students, faculty, and staff seeking IT assistance, maintaining reliable customer service.
- Resolved account, software, and network-related inquiries using a ticketing system, ensuring thorough documentation and timely follow-ups.
- Collaborated with senior technicians to address complex cases, which enhanced teamwork and problem-solving skills in a busy service desk environment.

CONTACT

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ABOUT ME

I'm a passionate software engineer who loves solving complex problems and building great solutions. I thrive in collaborative teams, bringing positivity, humor, and technical expertise to every project. When I'm not coding, I'm exploring new tech or perfecting my coffee game!

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY 2023

BS in Computer Science

Concentration: People and Design

COMPTIA A+ CERTIFIED

SOFT SKILLS

- Java, Python, C++, SQL
- CSS3, HTML, JSS, CI/CD
- React, Flutter, Angular
- GitHub, API, AI Integration
- Communication, Leadership
- Situational adaptability
- Organization, Collaboration