

Omar Wali

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EDUCATION

Northeastern Illinois University (NEIU) - Chicago, IL

Bachelor of Science in Computer Science | Expected May 2025

GPA: 3.6

- NEIU Eagle Performance Scholarship Recipient(2023)
- ACTS Scholarship Recipient (2024 - 2025)
- Relevant Coursework: Data Structures, Software Design, Algorithms, Programming Languages, User Interface Design, Object-Oriented Languages, Machine Organization, Artificial intelligence

SKILLS

Programming Languages: Java, C++, Python, JavaScript, SQL, HTML5, CSS, Linux

Frontend: Vue.js, TypeScript, HTML/CSS

Backend: Node.js, Spring Boot, RESTful APIs

Tools/Technologies: Git, Docker, NPM, PostgreSQL, Postman, Ubuntu, Visual Studio, IntelliJ, CI/CD Pipelines

RELEVANT EXPERIENCE

CCC Intelligent Solutions Chicago, IL Software Engineering Intern, May 2023 - Present

- Directed a cross-functional intern team to design, develop, and deploy a web application for AI settings management using Vue.js, resulting in a 40% reduction in configuration time and successful production deployment.
- Architected and integrated scalable RESTful APIs for AI program connectivity, enhancing system performance and user experience.
- Integrated third-party APIs to expand application functionality, enhancing user experience and streamlining data exchange between services.
- Executed comprehensive unit and stress testing, achieving 95%+ code coverage and mitigating critical bugs by 40% during production rollout.
- Leveraged cloud technologies and serverless architectures to construct scalable backend services supporting SaaS products.
- Designed and implemented scalable backend services utilizing serverless architecture principles, improving response times by 25% during peak usage periods while maintaining system reliability.
- Devised robust authentication and authorization protocols to fortify APIs and ensure compliance with security standards.
- Collaborated with Product Management and UX teams to align features with user experience best practices and product objectives.
- Delivered secure, high-performance features for CCC Safekeep products with minimal supervision in an Agile environment.
- Resolved bugs efficiently across diverse codebases, enhancing system reliability and performance.

PROJECTS

Personal Portfolio Website — omarwali.com

- Developed a responsive personal website to showcase professional experience, projects, and skills using Vue.js, TypeScript, Tailwind CSS, and Vite.
- Developed a sophisticated routing system using Vue Router that streamlined user interactions on the website; contributed to an increase in engagement metrics as users explored four additional pages per session.
- Integrated CI/CD workflows and deployed the website on Vercel, utilizing a custom domain for a professional online presence.
- Optimized website performance, reducing load time by 20% through code-splitting and lazy loading.

INTERESTS

Exploring Emerging Technologies, Strength Training, Video Games, Theology, Exploring New Foods