

Vinna Gu

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📍 vinna-gu • Cranberry Township, PA

Technical Proficiencies

- **Programming Languages:** Proficient in Java, TypeScript, HTML, CSS, Python, and SQL; capable of writing clean, optimized, and maintainable code.
- **Version Control Systems:** Skilled in utilizing Bitbucket and GitHub for code integration, collaboration, and version tracking.
- **Build & Integration Tools:** Experienced in using Gradle for automated building and dependency management.
- **Development Environments:** Proficient with IntelliJ, Visual Studio Code, and MobaXterm for efficient coding, debugging, and remote server management.
- **API Development & Testing:** Demonstrated ability to design, revamp, and test APIs with Postman, ensuring functionality and performance.
- **Frameworks & Libraries:** In-depth knowledge of Spring Boot and Angular for robust backend and dynamic frontend development. Competent in using Bootstrap and Angular Material to create responsive and aesthetically pleasing user interfaces.

Work Experience

CGI Pittsburgh, PA

September 2021 - Present

Software Developer

- Supported the design and deployment of a robust full-stack application that revolutionized invoice and payment management processes for clients, leading to a 20% improvement in transaction efficiency.
- Collaborated with cross-functional teams, including a product manager and QE, to streamline bug resolution and advocate for software development best practices.
- Utilized a diverse tech stack including Java, Gradle, Spring Boot, TypeScript, Angular, Node.js, HTML, CSS, and Oracle SQL, applying these tools in the development, testing, and maintenance of high-quality software solutions.
- Contributed to the development of existing APIs, resulting in a 15% increase in system efficiency and delivering extensive documentation to support a 30% reduction in onboarding time for new developers.
- Upheld superior code standards by maintaining 80% coverage in SonarQube, contributing to the team's high-quality deliverables.
- Innovated a shared utilities library for microservices architecture, significantly improving code reusability and promoting a culture of collaboration and efficiency across the development team.

CGI Pittsburgh, PA

June 2021 - August 2021

Frontend Development Intern

- Integrated seamlessly into a fast-paced development team, delivering critical enhancements to a web application for a leading investment banking client, directly impacting client satisfaction.
- Implemented user-centric UI features using the Angular Material library, achieving 100% adherence to detailed wireframes and elevating the user experience for key financial software.
- Crucially supported the microservices architecture development, contributing to a 25% enhancement in system scalability and a 40% improvement in deployment speeds through streamlined processes.

Education

University of Pittsburgh Pittsburgh, PA

2017 – 2021

B.S. in Computer Science