

# Vinna Gu

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📍 vinna-gu • Cranberry Township, PA

## Technical Proficiencies

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- **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

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**CGI Pittsburgh, PA**

**September 2021 - January 2024**

*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, 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

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**University of Pittsburgh Pittsburgh, PA**

**2017 – 2021**

*B.S. in Computer Science*