

Sanju Sathiyamoorthy

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Relevant Experience

Application Developer – Teranet (Sept 2021 – Dec 2021)

- Worked on google maps API based **web application** “Geowarehouse”
- Fixed backend bugs (network, content display, database retrieval) using **Object-Oriented Java (Spring boot) and SQL**
 - performed **API testing** using POSTMAN to verify fixes
- Fixed UI bugs and created responsive content for the client side using **HTML, CSS/LESS, Async JS and AngularJS**
- Improved company’s backend client dashboard by Implementing **JS sorting algorithm** to organize database results
- Worked with **Json Web Tokens** to authorize users

Software Developer – OpenText (May 2022 - Aug 2022)

- Shipped code to production for the “Case Management” web application
- **Created automated tests** to test the front-end and back-end using **Selenium and JBehave**
- Fixed backend bugs and issue using **OOP Java (Spring boot framework)**
 - Created endpoints for the applications **Public API**

Web Developer/Designer - Communitech (January 2021 - April 2021)

- Worked closely with UX/UI Designer and analysts to help small businesses **negatively affected by the Pandemic**
- Created sites from scratch, implemented product catalogue, online delivery function, and SEO work

Projects

Twitter Journal - (2 weeks)

- Created a web-application with other interns that allowed users to view trending Twitter content and create their own personal blog and interact with content
- Set up **controller, service, and repository layers** to facilitate **CRUD operations** on Postgres database
- Integrated **public twitter api** to fetch and display trending topics and tweets

Odyssey - (1 month)

- Created an arcade shooter game with its own physics engine ([Click to Play](#))
- Practice with UX/UI for the game design (ex: sprites, animations, sounds, menus, loading screens)

Personal Portfolio - (Still Under Development)

- Using HTML, CSS, JavaScript created a static website using GitHub Pages ([Click to view](#))

Skills

Languages/Frameworks

- C++, Java (Spring Boot), HTML, CSS/LESS, Async JS ES6, Angular JS, SQL, Selenium
- Selenium, Jbehave, JWT
- OOP data structures & algorithm, microprocessors & digital logic

Dev Tools:

- Postman, Jira, Jenkins
- Tomcat, Jboss, Maven
- Command Line, Eclipse, IntelliJ

Soft Skills:

- Problem solver with knack for analytical thinking
- Naturally inquisitive with an eagerness to learn
- clear communication and strong collaboration

Education

University of Waterloo (ON)

(Sept 2020 – April 2025)

- Candidate for Bachelors of Mechatronics Engineering