

Sanju Sathiyamoorthy

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Relevant Experience

Application Developer – Teranet *(Sept 2021 – Dec 2021)*

- Shipped code to production on Teranet's largescale google maps API based **web application** "Geowarehouse"
- Fixed backend bugs (network, content display, database retrieval) using **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, JS and AngularJS**
- Improved company's backend client dashboard
 - Implemented **JS sorting algorithm** to organize database results
 - Worked with **Json Web Tokens** to authorize users
- Implemented frontend to backend connections using **Async JS & Java**
- Worked closely with Quality Assurance to **test and verify code**

Web Developer/Designer - Digital Main Street at Communitech

(January 2021 - April 2021)

- Worked closely with UX/UI Designer and analysts to help small businesses **negatively affected by the Pandemic**
- Created/improved their digital presence and **acted as technical support** for non-technical business owners
 - Created sites from scratch, implemented product catalogue and online delivery function, SEO work
- Used **HTML, CSS, JavaScript** and worked with variety of Content Management Systems
- Greatly improved interpersonal skills through working closely with team & clients
- Became comfortable working under pressures with tight deadlines for **multiple clients at once**

Projects

Personal Portfolio - *(Still Under Development)*

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

Odyssey - *(1 month)*

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

Skills

Languages/Concepts

- C++, Java (SpringBoot), HTML, CSS/LESS, DOM, JavaScript ES6, Angular JS, SQL, Python
- API testing, Async JS, JWT, OOP data structures & algorithm, microprocessors & digital logic

Dev Tools:

- Postman, Tomcat, Jboss, Git, Jenkins, Jira
- Eclipse, Vs Code, Command Line
- Shopify, WordPress, Wix, GitHub pages

Personality:

- Problem solver with knack for analytical thinking
- Highly motivated to work
- Naturally inquisitive with an eagerness to learn
- Efficient time management skills
- clear communication and strong collaboration

Education

University of Waterloo (ON)

(Sept 2020 – April 2025)

- Candidate for Bachelors of Bachelors of Mechatronics Engineering