

TOMAS ORTEGA PALENCIA

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Portfolio: <https://tomasportfolio-wheat.vercel.app/>

Software Engineer

EDUCATION

Computer Programming
Georgian College at ILAC

September 2025
Toronto, ON

EXPERIENCE

Frontend Developer Internship

January 2025 – June 2025

Tech Forge Canadian Consulting Inc

Toronto, ON

- Built and enhanced client facing features using the MERN stack (MongoDB, Express, React, Node.js), delivering responsive and user-friendly interfaces.
- Supported website creation and maintenance, implementing updates, fixing bugs, and improving site performance.
- Assisted in deploying and hosting the company website, ensuring smooth functionality and uptime across environments.

Web Developer (Volunteer)

January 2024 – October 2024

Sai Dham Food Bank

Toronto, ON

- Assisted in organizing and promoting fundraising events through digital platforms.
- Collaborated with cross-functional teams including designers, developers, and project managers to ensure alignment and successful product delivery.
- Developed and optimized user-friendly interfaces using HTML, CSS, JavaScript, React.js, and WordPress.
- Collaborated with designers to translate wireframes and mock-ups into responsive web pages.

PROJECTS

Expense Tracker

Technologies used: MERN, Tailwind CSS, Serverless Functions, Vercel.

- Developed a personal finance web app enabling users to record income/expenses, visualize trends with interactive charts, and track budgets.
- Implemented secure data storage and dynamic CRUD functionality using MongoDB, Express, and React for a seamless user experience.

Translator Clone

Technologies used: TypeScript, Express, React, Node, MUI and AI-powered Translation API.

- Built a language translation app that detects input language automatically and translates text into English, Spanish, or French using an AI-driven API.
- Gained hands-on experience with integrating AI services, improving my understanding of modern API-based architectures and multilingual support.

Journal App

Technologies used: React.js, Redux, MUI, Firebase and Cloudinary.

- Implemented a comprehensive CRUD functionality within a Journal app, enabling users to organize their notes in a user-friendly interface.
- Integrated Firebase for real-time data management and Cloudinary for media handling, ensuring a seamless experience.

Calendar App

Technologies used: MongoDB, Express.js, React.js, Node.js and MUI,

- Strengthened my backend and frontend integration skills while focusing on collaboration tools and effective scheduling solutions for small businesses.

CERTIFICATIONS

Completed over 20 professional certifications focused on modern web development and best practices. These include advanced training in the MERN stack along with in-depth studies of JavaScript (ES6+), CSS (Flexbox, Grid, SASS, Bootstrap), and responsive design.

HIGHLIGHTS OF QUALIFICATION

- Skilled in JavaScript with experience in React for front-end and Node.js for back-end development.
- Proficient with Git and GitHub, experienced in contributing to team-based and open-source projects.
- Solid understanding of HTML, CSS, JavaScript, and frameworks such as React. Proficient with MUI and Tailwind CSS.
- Basic proficient in Java, Python, and PHP with a strong grasp of object-oriented programming (OOP) and SOLID principles.
- Familiar with SQL and NoSQL databases, and integrating backend systems with modern UIs.
- Highly analytical and detail-oriented, with a track record of solving complex development challenges.
- Excellent interpersonal, written, and verbal communication skills. Effective in collaborative and remote environments.
- Fast learner, proactive, and committed to continuous improvement and delivering high-quality results.