

Victor Ccanchi

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Summary

Fullstack Web Developer specialized in the MERN stack (MongoDB, Express.js, React.js, Node.js) with a Bachelor's degree in Industrial Electricity, partial coursework in Electronic Engineering, and a Professional Certification in Programming from the Massachusetts Institute of Technology.

Currently expanding backend expertise with Java and integrating AI and Large Language Models (LLM) through an Oracle Next Education scholarship. Proficient in both front-end and back-end development with hands-on experience in various high-level academic projects. Intermediate English skills and adept at working in team settings to solve complex problems.

Education

National Industrial Work Training Service College Bachelor's Degree in Industrial Electricity	Pisco, Peru August - 2015
San Luis Gonzaga University Coursework in Electronic Engineering	Ica, Peru December - 2023
Massachusetts Institute of Technology - MIT xPro Professional Certificate in Coding: Full Stack Development with MERN	Online July - 2024
Oracle Next Education Scholarship for Backend Development with Java Professional Certificate in Backend with Java and LLM	Online Exp. August - 2025

Technical Skill

- **Languages:** JavaScript, TypeScript, HTML, CSS, Java (in progress)
- **Front-end:** React.js, Redux, HTML5, CSS3, Tailwind
- **Back-end:** Node.js, Express.js, RESTful APIs, Java (in progress)
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, Postman
- **Others:** Docker, AWS S3, Firebase, Agile/Scrum, JWT, Redux

Projects

Banking Application

Developed a comprehensive replica of a banking system, providing robust functionality for both regular users and administrative staff.

- **User Authentication and Management:** Implemented secure authentication for users and admins, with features for account creation, profile management, and authorization controls using JWT.

- **Transaction Handling:** Developed modules for deposits, withdrawals, and transfers, ensuring real-time updates and comprehensive transaction history.
- **Architecture and Design:** Built using MVC architecture and adhering to SOLID principles for maintainability and scalability; utilized the MERN stack and Redux Toolkit for state management.
- **Security and Performance:** Ensured robust security measures and optimized performance for a seamless user experience.
- **GitHub:** github.com/victorwcv/MIT-capstone-bank-app

Portfolio Website

Created a personal portfolio website to showcase my projects, skills, and experience. The site features a responsive design for compatibility across various devices.

- **Technologies Used:** Built using React for the frontend, with Tailwind CSS and Sass for styling, and Framer Motion for animations. Deployed on Vercel for reliable hosting and continuous integration.
- **Features:** Integrated a project gallery with detailed descriptions, animations and a contact form. Focused on demonstrating strong frontend development skills.
- **GitHub:** github.com/victorwcv/portfolio-react
- **Site:** victor-ccanchi.vercel.app

Weather App

- Built a weather forecast application using an external API to fetch data.
- Implemented search functionality and displayed weather information dynamically.
- **Technologies:** HTML, CSS, JavaScript.
- **GitHub:** github.com/victorwcv/weather-app

Experience

Freelance Developer

March - 2024

- Developed custom websites for small businesses.
- Provided technical consulting, web design, development, maintenance, and support.

Certifications

- Professional Certification in Programming, Massachusetts Institute of Technology
- Responsive Web Design Certification, freeCodeCamp
- JavaScript algorithms and data structures Certification, freeCodeCamp
- Front End development Libraries Certification, freeCodeCamp
- EF SET English Certificate 65/100 (C1 Advanced), EF SET

Languages

- Spanish: Native
- English: Intermediate