

Regem Y. Bacolcol

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Objective

Motivated Computer Science student with hands-on experience in web development and IoT projects. Passionate about building real-world solutions and eager to grow technical and collaborative skills through an internship.

Skills

Languages: JavaScript, TypeScript, HTML, CSS

Frameworks & Libraries: React + Vite, Tailwind CSS

Backend: Node.js, Express (basic), Firebase (Realtime DB), REST APIs

Tools & Platforms: Git, VS Code, Figma, GitHub, Vercel, Postman

Soft Skills: Problem-solving, Adaptability, Teamwork, Communication

Projects

Smart Parking System (IoT) – <https://smart-parking-web-two.vercel.app/>

- IoT-based system using ESP32, ultrasonic/IR sensors, and Firebase to monitor parking slots in real-time.
- Tech Stack:** Arduino IDE, Firebase Realtime DB, React + Vite, Tailwind CSS

Circuit Cube – <https://circuitcube.netlify.app/>

- Interactive educational app for digital logic design with logic gate simulation, 3D visualization, and automated grading.
- Tech Stack:** React + Vite, TypeScript, Node.js, Express, PostgreSQL

Work Experience

Sales Clerk

SM Home, Quirino Hwy, Novaliches, Quezon City

November 2020 – March 2021

- Assisted customers, handled merchandising, and maintained sales floor organization.

Guest Service Attendant

Timezone, Trinoma Mall, EDSA, corner North Ave, Quezon City

December 2019 – September 2020

- Provided guest support, conducted machine checks, and ensured store cleanliness.

Education

University of Caloocan City – Congressional Campus

2026

Congressional Rd Ext, Barangay 171, Caloocan

Bachelor of Science in Computer Science

Certifications & Webinars

- “Introduction to FastAPI: Building High-Performance APIs” – Webinar, University of Caloocan City, April 2024
- “Introduction to GitHub: Unlocking the power of collaboration and version control” – Webinar, University of Caloocan City, April 2024

I hereby certify that the information above is true and correct to the best of my knowledge and belief.

Regem Y. Bacolcol