

JERICHO P. GABARDA

Full-Stack Web Developer | Bachelor of Science in Electrical Engineering

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EDUCATION

UNIVERSITY OF THE PHILIPPINES LOS BAÑOS - *BS Electrical Engineering*

July 2025

SUMMARY

Full-stack web developer with strong React expertise, building production-style web applications using React, Node.js, Express, and MongoDB/PostgreSQL. Experienced in delivering end-to-end features including secure authentication, protected routing, role-based access control, REST API development, file uploads, validation, and scalable project architecture. Writes maintainable, readable, and scalable code through clean structure, modular design, and consistent engineering patterns. Strong problem-solving background as a BS Electrical Engineering graduate. Knowledgeable in Ruby and Ruby on Rails for MVC-based backend development.

TECHNICAL SKILLS

Languages & Databases: JavaScript, TypeScript, Ruby, SQL, MongoDB, PostgreSQL, MySQL

Front-End: React, React Router, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI, Vite

Back-End & APIs: Node.js, Express.js, REST API, JWT Authentication, HTTP-only Cookies, Ruby on Rails

Tools & Others: Git, GitHub, GitLab, VS Code, Cursor, Postman, Jira, Trello, Cloudinary, Multer, Zod, Helmet.js, Morgan, Nodemailer, OpenAI API

PROJECTS

SUITLINK – Full-Stack Job Portal Application

React, React Router, Tailwind CSS, Node.js, Express, MongoDB, JWT, Cloudinary, OpenAI

- Built a full-stack job portal with 2 roles (Applicant, Employer) supporting profiles, job posting, applications, tracking, and notifications.
- Delivered 10+ React screens with reusable components and responsive Tailwind UI for scalable, maintainable frontend development.
- Designed 25+ REST endpoints using MVC + middleware authorization; implemented JWT auth (HTTP-only cookies), session persistence (/auth/me), protected routes, and RBAC.
- Built resume upload pipeline (Multer + Cloudinary), integrated AI (Open AI) resume screening, and applied backend best practices (bcrypt hashing, Zod validation, Helmet security hardening, Morgan).

RUNWISE – AI-Powered Running Planner

HTML5, CSS3, Bootstrap 5, JavaScript, Weather API, Google Gemini API

- Built a dynamic web application integrating 2 external APIs to generate real-time running advice based on live weather + AI coaching logic.
- Implemented async workflows, geolocation-based weather retrieval, and DOM rendering for responsive real-time feedback.
- Delivered a responsive UI using Bootstrap and custom CSS, resolving fixed-navbar scroll offset issues through DOM calculations.

CERTIFICATIONS

UPLIFT CODE BOOTCAMP - *Full-Stack Web Development Bootcamp*

January 2026

UDEMY - *The Complete Full-Stack Web Development Bootcamp*

December 2025

THE ODIN PROJECT - *Full-Stack Ruby on Rails*

November 2025

LEADERSHIP ACTIVITIES

UPLB Society of Electrical Engineering Students (UPLB SELES)

President Jan 2022 – Jan 2023

- Led a 270+ member organization across 6 committees, delivering 1 major academic event (330+ attendees) and 10+ technical workshops.
- Presided over 20+ executive meetings, implementing documentation and workflow systems for predictable execution.
- Increased member participation by ~20% by redesigning processes during the post-pandemic transition to on-site operations.

Vice President Aug 2021 – Jan 2022

- Represented the organization in 25+ external collaborations and supported 30+ agreements with academic and industry stakeholders.