Irel Kian C. Bacolod

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SUMMARY

Full-stack developer with 2 years of frontend development experience and 1 year of backend application development using Node.js and Express.js. Proficient in building responsive, high-performance web applications using React, JavaScript, HTML, and CSS, and developing RESTful APIs and server-side logic with Express and Node.js.

WORK EXPERIENCE

8box Solutions Inc.
Front-end & API Integration Developer (September 2023 – July 2025)
- Developed responsive, high-performance web applications as part of the frontend team using **React.js, TypeScript, Tailwind and modern JavaScript (ES6+)**
- Integrated **RESTful APIs and Google Maps API** to enhance application interactivity and data visualization.
- Collaborated closely with cross-functional teams, including clients and stakeholders, to gather requirements and implement tailored solutions.
- Contributed to backend development by building and maintaining RESTful APIs using **Node.js and Express.js.**

8box Solutions Inc.
Backend Developer Intern (July 2023 – September 2023)
- Maintained and developed new routes using **Nodejs and Express.js in MVC architecture** web application
- Assisted in migrating a session-based backend to a RESTful API for an e-commerce web application Buildhub.ph, improving scalability and integration capabilities.
- Used tools such as **WAMPServer, Postman, and MySQL** for backend development and testing.

Creotec Philippines Inc.
Student Trainee (March 2021 – April 2021)
- Developed simple music application using google
- Led technical documentation team

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, PHP, Python, JAVA
Frameworks and Libraries: React.js, Next.js, Tailwind CSS, ShadCN UI, Material UI, React Native, Expo
Backend & Databases: Spring Boot, Nodejs, Express.js, MYSQL, PostgreSQL, MongoDB, REST API, MVC Architecture
Tools & Platforms: Git, Github, Trello, Figma, Postman, Visual Studio Code, SwaggerUI/OpenAPI

PROJECTS

Enhancing Garbage Collection: A Mobile Integration Solar Powered System | Thesis
June 2024 – May 2025
- Developed mobile application with real-time monitoring of trash bin via sensors using **REACT NATIVE and EXPO**
- Integrated ready-made API by SUPABASE (Backend as a Service)

SK Online Service | Freelance Project
August 2024 – November 2024
- Design database schema and applied security in frontend
- Integrated API of SUPABASE

EDUCATION

Bachelor of Science in Computer Engineering
Polytechnic University of the Philippines Manila
October 2021 – September 2025

CHARACTER REFERENCE/S

Jimboy Reyes (Arcadier JavaScript Developer)
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Angelica Viola (8box Lead Backend Developer)
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Irel Kian C. Bacolod
Applicant