

RYAN MART BARTOLOME

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PROFESSIONAL SUMMARY

Full-stack software engineer with real-world experience delivering client-ready web apps from the ground up. I build with React, Node.js, and PostgreSQL to solve real business problems, not just push code. I've shipped platforms with secure authentication, dynamic content, and CI/CD pipelines all with performance, reliability, and clean UI in mind. I move fast, work well with stakeholders, and treat every project like a product. If you're looking for someone who can think like an engineer *and* a founder, I'm the kind of developer who delivers value from day one and scales with the team.

TECHNICAL SKILLS

Language & Frameworks: JavaScript, HTML/CSS, React.js, Node.js, Express.js, Java, Python

Databases & Data Modeling: PostgreSQL, MongoDB, SQL

Dev Tools & Platforms: Git/Github, NPM, Visual Studio Code, Render, Linux/Unix

Testing & Methodologies: REST APIs, Mocha, Chai, Jest, Debugging, Test-Driven Development (TDD)

Collaboration & Deployment: Code Review, Version Control, Automated deployment, Client requirement gathering

EDUCATION

Arizona State University

January 2023 - December 2027

Bachelor's, Graphic Information Technology - Full-stack Web Development

Chegg Skills (Thinkful)

April 2024 - April 2025

Bootcamp, Software Engineering

PROFESSIONAL EXPERIENCE

Self-Employed

Remote

Freelance Software Engineer

January 2024 - Present

- Built and deployed full-stack web apps for local businesses using React, Node.js, and PostgreSQL
- Worked directly with clients to gather requirements and iterate on features using Agile sprints
- Integrated REST APIs and user authentication with a focus on performance and reliability
- Deployed using GitHub and Render with continuous integration for smooth rollouts

Transportation Security Administration

Kahului, HI, USA

Transportation Security Officer

November 2018 - Present

- Operated high-level security systems with attention to detail and procedural accuracy
- Demonstrated consistent reliability in a high-pressure, compliance-heavy environment
- Skills in protocol adherence, secure data handling, and operational workflows

PROJECTS & OUTSIDE EXPERIENCE

Play Next Show – TV Show Discovery & Watchlist App

- Built a React-based app that lets users discover TV shows and manage a personalized watchlist
- Integrated a public TV API and normalized data into PostgreSQL
- Created a seamless single-page experience with dynamic routing and state management
- Deployed full-stack app on Render
- Stack: React, Node.js, Express, PostgreSQL, REST API

WeLoveMovies – Movie Review API Backend

- RESTful API for managing movies, reviews, critics, and theaters
- Built robust SQL queries using Knex.js with error handling and validation
- Wrote unit tests with Mocha and Chai to ensure endpoint reliability
- Stack: Node.js, Express, PostgreSQL, Knex.js, Mocha

BobaLei Tea Shop - Custom CMS - Integrated Website

- Developed a responsive, owner-editable website for a local tea shop
- Integrated a headless CMS to update menu items and promotions with no dev work
- Built single-page React frontend for mobile-first experience
- Stack: React, HTML5, CSS3, CMS, Render

FlipCard – Flashcard CRUD Application

- Created a flashcard app with full CRUD operations
- Developed secure REST API and designed a responsive Bootstrap UI
- Tested endpoints using Jest and mock data
- Stack: React, Node.js, Express, PostgreSQL, Bootstrap

GrubDash – Food Delivery Backend Service

- Developed backend logic and data models for a delivery app
- Handled complex routing, order status flow, and validation
- Modularized code and maintained version control through Git
- Stack: Node.js, Express, JavaScript, Git, Render