

CRYSTAL DEPALMA

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Junior Software Engineer | React & Node.js | Learning TypeScript + Cloud

Full-stack engineer skilled in building reliable, data-driven systems with React, Node.js, and Azure. Experienced in RESTful API development, database management, and full-SDLC collaboration within mission-driven teams.

PROFESSIONAL DEVELOPMENT

Rutgers Full-Stack Coding Bootcamp

Full-Stack Engineer

📅 December 2023 - June 2024 📍 New Brunswick, NJ

- Built and deployed full-stack web apps using React, Node.js, Express, and REST APIs.
- Implemented SQL and NoSQL data models supporting secure, scalable back-ends.
- Applied Agile methodology with peer code reviews and iterative feature delivery.
- Practiced complete SDLC processes—from planning to deployment—mirroring production team standards.

PROJECTS

IntPrepApp

- Designed a full-stack MERN platform for interactive interview prep.
- Engineered secure JWT-based authentication with token rotation and protected routes.
- Created RESTful APIs and MongoDB schema for tracking user progress.
- Delivered responsive, component-driven UI for accessibility and performance.

Tech Used: React • Node • Express • MongoDB • Mongoose • JWT • Tailwind CSS • REST APIs

TaxBuddyAI

- Built a FastAPI + Azure SQL backend to handle structured tax input and AI-generated guidance.
- Integrated Azure OpenAI for analytics-style responses and automation.
- Implemented secure OAuth2 authentication and API-to-database data pipelines.
- Currently expanding project to include Power BI-style dashboards for visualization.

Tech Used: FastAPI • Azure SQL • Azure OpenAI • OAuth2 • REST APIs • JWT

EDUCATION

Rutgers University Coding Bootcamp

Certificate

December 2023 - June 2024

📍 New Brunswick, NJ

Bergen Community College

Associate of General Science (A.S.)

September 2017 - May 2019

📍 Paramus, NJ

PROFESSIONAL EXPERIENCE

Private Childcare Provider | Self-Employed

June 2020 - October 2025

📍 NY, NY

- Managed logistics and communication for multiple clients in dynamic settings.
- Completed a rigorous full-stack engineering program while working full-time, demonstrating discipline, adaptability, and self-management.
- Cultivated empathy, communication, and reliability—skills directly transferable to collaborative software teams.

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL, HTML5, CSS

Frameworks/ Libraries: React.js, Node.js, Express.js, FastAPI

Databases: MongoDB, Mongoose, Azure SQL

Cloud & AI: Microsoft Azure, Azure OpenAI Service

Practices: SDLC, Agile/Scrum, API Design, Authentication (JWT/OAuth2), Version Control

Tools: Git, GitHub, Postman, VS Code

RELEVANT COURSES

CompTIA ITF+ and CompTIA Tech+

July 2024

Microsoft Azure Fundamentals (AZ-900)

In Progress | Cert Expected Nov 2025