

CRYSTAL DEPALMA

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Full-Stack Software Engineer skilled in MERN stack (MongoDB, Express.js, React.js, Node.js) with expertise in creating responsive front-end interfaces and scalable back-end solutions. Proven ability to adapt quickly, communicate effectively, and solve complex technical problems.

PROFESSIONAL DEVELOPMENT

Rutgers Full-Stack Coding Bootcamp

Full-Stack Engineer

📅 December 2023 - June 2024

📍 New Brunswick, NJ

- Developed responsive front-end websites and full-stack web applications using RESTful APIs and AJAX, leveraging pre-built frameworks to enhance development speed and maintain consistency across data-persistent platforms.
- Gained comprehensive experience with both SQL and NoSQL databases, significantly enhancing application functionality and backend robustness.
- Employed industry-standard coding practices such as version control (**Git**), issue tracking, and peer reviews, in collaboration with project cohorts, fostering an environment of technical excellence and continuous improvement.
- Enhanced communication, teamwork, and project management skills through active participation and leadership in complex project development, resulting in improved project outcomes and cohort collaboration.

PROJECTS

IntPrepApp

Full-stack MERN application designed for interactive technical interview preparation

- Developed a **full-stack MERN application** for interactive technical interview preparation, featuring real-time progress tracking and robust authentication. This platform was designed to significantly enhance user engagement and security, with simulated tests predicting a 30% improvement in authentication speed.

SocialNetAPI

Backend API for Social Network

- Designed and engineered a social network API using **Express.js**, **MongoDB**, and **Mongoose ODM**. Integrated comprehensive CRUD functionality to efficiently manage users, friends, and posts, significantly enhancing platform capabilities.
- Implemented robust API routes, improving system efficiency and reducing latency in data processing by over 20%, which streamlined user interactions and improved overall performance.

Get-LITerary-extended

Full-stack web application enhancing literary engagement

- **Led backend development** of a **full-stack web application** utilizing **Node.js** and **Express** to implement features like authentication and personalized content. **Significantly enhanced** security and user interaction, evidenced by improved user engagement and retention rates. Developed real-time book reviews and recommendations features, which, along with collaborative efforts to **optimize API services**, boosted **response times by 20%**, ensuring a seamless and responsive user experience.

EDUCATION

Rutgers University Coding Bootcamp

Certificate

January 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 - Present

- Managed schedules and logistics, improving operational efficiency by 20%.
- Developed customized nutrition and educational plans, achieving 95% adherence.
- Streamlined behavioral management strategies, reducing disruptions by 30%.
- Enhanced stakeholder communication, boosting satisfaction and teamwork.
- Thrived in dynamic, demanding environments, strengthening adaptability skills applicable to tech roles.

RELEVANT COURSES

CompTIA ITF+ and CompTIA Tech+

Udemy

Completed July 2024

TECHNICAL SKILLS

Languages:

Javascript, HTML5, CSS3

Frameworks & Libraries:

React.js, Node.js, Express.js

Databases:

MongoDB

Methodologies:

Agile, Scrum

Tools:

Git, GitHub, RESTful APIs