

CRYSTAL DEPALMA

(201) 622-8522 | ✉ crystaldepalma@yahoo.com | [in LinkedIn](#) | [Portfolio](#) | [Github](#) | 📍 New York, NY

Resourceful **Full-Stack Engineer** with a strong foundation in MERN stack, specializing in React.js and Node.js. Proven track record of delivering high-quality, maintainable solutions in fast-paced Agile environments. Excels in collaborative settings, driving projects from conception to completion, enhancing user experience and system efficiency through collaborative teamwork and strong communication.

EXPERIENCE

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**.

Get-LITerary-extended

Full-stack web application enhancing literary engagement

- **Led backend development** of a full-stack web application focused on literary engagement, utilizing **Node.js** and **Express** to implement features like **authentication** and **personalized content**. This initiative 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**.

SocialNetAP

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.

EDUCATION

Rutgers Coding Bootcamp

Rutgers Full-Stack Coding Bootcamp

December 2023 - June 2024

📍 New Brunswick, NJ

Master of Science (M.Sc)

Pacific College of Health & Science

September 2019 - In Process

📍 FIDI, NYC

Associate of General Science (A.S.)

Bergen Community College

September 2017 - May 2019

📍 Paramus, NJ

RELEVANT COURSES

CompTIA ITF+ and CompTIA Tech+

Udemy

Completed July 2024

DEVELOPER SKILLS

Front-End Technologies:

Core Web Proficiencies

Skilled in HTML5, CSS3, and ES6+ JavaScript, and React.js for dynamic, state-driven single-page applications.

Responsive Design

Extensive experience with Bootstrap and jQuery to enhance UI interactivity and accessibility, improving user engagement.

Back-End: Server Architecture

Developed robust architectures using Node.js and Express, focusing on efficient routing and middleware integration.

Command-Line Interfaces

Built intuitive command-line tools with Inquirer.js, improving administrative processes and automation efficiency.

Databases: Database Management

Proficient in MySQL and MongoDB; designed and managed databases ensuring high performance and data integrity.

API Integration

Crafted flexible and scalable APIs that enhanced system integration and data flow, improving responsiveness and robustness of web applications.

WORK EXPERIENCE

Rutgers Full-Stack Coding Bootcamp

Private Child Care Provider

Singhal's Family, Pashelinsky's Family

📅 June 2020 - Current

📍 NY, NY

- **Logistics Management**
Coordinated daily pick-ups and drop-offs to schools, ensuring timely and safe transportation
- **Nutritional Planning and Preparation**
Prepared healthy meals for children, adhering to dietary restrictions and preferences
- **Household Management**
Conducted routine light house cleaning, laundry, and grocery shopping to maintain an organized and clean living environment
- **Schedule Coordination**
Managed and synchronized children's educational and recreational schedules, including organizing playdates and extracurricular activities.
- **Educational support**

TRANSFERABLE SKILLS

Communication Skills:

Developed clear and effective communication strategies tailored to individual child needs, facilitating a nurturing environment. This skill translates into the ability to articulate complex technical details to non-technical stakeholders in development projects, boosting team efficiency.

Innovative Problem-Solving:

Routinely solved complex behavioral and logistical challenges through creative solutions, enhancing daily operations. Applied similar critical thinking and innovation in developing dynamic, data-persistent platforms using full-stack technologies.

Project Management:

Managed multiple schedules and activities, demonstrating strong organizational skills and the ability to prioritize tasks effectively—key to successful project timelines and milestones in technology roles.

Adaptability:

Excelled in adjusting to diverse family dynamics and children's varying emotional and developmental stages. This flexibility is mirrored in tech environments where adapting to new technologies, project requirements and evolving team roles is critical for success.

Team-Collaboration:

Worked closely with parents and other caregivers to formulate and implement developmental strategies that best suited each child's needs – akin to collaborating with cross-functional tech teams to design, develop, and deploy successful software solutions.

CONTINUED DEV SKILLS

Progressive Web Applications:

PWA Expertise:

Developed PWA's with enhanced offline capabilities, ensuring reliable access and consistent user experience under varying network conditions.

Version Control & Collaboration:

Git Expertise

Advanced use of Git and GitHub for branching, merging, pull requests, and conflict resolution, enhancing team collaboration.

Wireframing & Design:

Proficient in Figma, Adobe XD and Miro for prototyping and user interface planning).

Agile Development Practices:

Practiced in Agile methodologies, improving team productivity and project adaptability through effective planning and execution with GitHub actions.

UI/UX : Design Best Practices

Dedicated to best practices focusing on usability and accessibility to create inclusive and engaging interfaces.