Charles DeMichele

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EXPERIENCE

Full-Stack Web Development Bootcamp Student

University of Central Florida (UCF) | May 2024 - Oct 2024

- Developed front-end and back-end solutions using HTML, CSS, JavaScript, Node.js, and Express.js.
- Built scalable applications with React, MongoDB, and AWS
- Improved load times by 30% and development efficiency by 40% with optimized tools
- Key Projects:
    - ItinerAi: Built using React, GraphQL, Node.js, Express.js, MongoDB with Mongoose, JWT authentication, OpenAI integration, and Stripe for payments.
    - DevBlog : Developed using SQL, Express.js, and Node.js

Commercial Diver

Marine Maintenance and Construction | 2021 – Present

- Ensured seamless operations by resolving high-pressure challenges
- Led workflows optimized for efficiency and scalability
- Collaborated in Agile teams, delivering high-quality results under tight deadlines

Founder, Head Chef

BT Restaurant & Tavern, Florence, NJ | 2017 – 2020

- Optimized and managed restaurant POS system, improving operational efficiency
- Increased business growth by x% through marketing efforts
- Led a 30-person team, strengthening leadership and management skills

Culinary Specialist

United States Navy | 2009 – 2012

- Demonstrated operational efficiency by managing meal services for 3,000 sailors
- Awarded Sailor of the Month for exceptional performance and attention to detail.

SKILLS

JavaScript (ES6+), HTML5, CSS3 | React, Node.js, Express.js | MongoDB, Mongoose | Git, GitHub | Insomnia, Visual Studio Code | ServSafe, Nitrox Diving, KMDSI, HAZWOPER

EDUCATION

Full-Stack Web Development Bootcamp

University of Central Florida (UCF) | 2024 (Expected)

Rowan College of Burlington County

Mount Laurel, NJ | 2021 | Focus: Philosophy

Divers Academy International

Erial, NJ | 2020 | Commercial Deep Sea Diving Diploma

AWARDS

Sailor of the Month – U.S. Navy | Academic Excellence Award – Divers Academy International