Jacob William Eades

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I'm a self-taught full-stack web developer with a unique background as a master electrician. My experience with programmable logic controllers (PLC) programming for industrial machines ignited my passion for coding. My master electrician experience has helped me approach complex problems systematically and with an eye for detail.

PROJECT EXPERIENCE

Prayer Connect Web App   Mar 2023 - Present

- Developed a custom social app for a local church to connect people to pray together using React, Next.js, React-native, React-redux, Typescript, MongoDB, Mongoose, and Material UI.
- Conducted interviews with potential users to identify and prioritize user stories.
- Included features: User authentication, user's CRUD sort/filtered by other users, prayer create and update tracking, user privacy options, user based prayer count tracking, answered prayers archived.

E-commerce Website   Feb 2023

- Developed a full-stack MERN application using JavaScript, React, Express.js, MongoDB, Node.js, Stripe, Firebase, DigitalOcean, Studio 3T, POSTMAN, Mongoose, Cloudinary, React-Redux, Axios.
- Implemented user authorization, credit card payment integration, user transaction history, downloadable invoices in PDF, and user-specific cart features, along with multiple search filters and product ratings.
- Built an admin dashboard that enables creating categories and subcategories, uploading images and product information, and creating coupons, along with displaying new arrivals and popular products.

WORK EXPERIENCE

Eades Electric, LLC.

Web Developer/Owner/Master Electrician   Feb 2022 - Present

- Developed a responsive website using HTML, CSS, and JavaScript, based on Figma provided by a UI designer, and gained residential electric clients through the website.

TPK Controls, Moores Electrical & Mechanical

Master Electrician/Fanuc Robot Calibration & Maintenance/Foreman   Jun 2017 - Feb 2022

- Diagnosed technical issues in electrical systems and Fanuc robots, including responding to trouble codes, performing diagnostics, and manually repositioning parts using a controller.
- Trained 4 electrical apprentices in pipe bending, wiring, and code standards.

EDUCATION

Generation USA

Certificate: Junior Full-Stack Java Developer (Java SE 8 Programmer I Certification)   Oct 2022

- Gained skills in Java, Spring Boot, REST APIs, Unit Testing (Mockito), SOLID OOP Principles, Dependencies Injection, Git.

Virginia Technical Institute

Certificate: Residential Electrical Service and Electrical Level III   Dec 2019