

PARKER LASHER

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WORK EXPERIENCE

Nautical Stamp Company

📅 September 2023 - February 2024

- **Developed Full-Stack Application:** Developed a full-stack web application using Node.js and Express.js, ensuring seamless integration and functionality capable of serving over 1,000 active users.
- **Database Design and Management:** Designed and implemented a PostgreSQL database to support user management, product listings, and transaction processing, enhancing access speed by 30%.
- **User Authentication and Security:** Implemented user authentication and session management using Passport.js and bcrypt for password hashing, capable of serving over 1,000 active users.
- **Dynamic Web Content Rendering:** Utilized EJS to create dynamic HTML views, improving the user interface and experience by providing real-time feedback, updates, and reducing page load times by 20%.
- **Email Functionality:** Integrated Nodemailer for automated email communications, enabling features like order confirmations and user notifications, and enhancing user engagement by 10%.
- **Web Scraping Tools:** Implemented web scraping functionalities using Puppeteer to automate data extraction tasks, reducing manual data entry and increasing efficiency by 80 man-hours.
- **API Design and Endpoint Implementation:** Developed 20 RESTful APIs for data retrieval and manipulation, facilitating easy data access and manipulation for frontend processes.
- **Error Handling and Debugging:** Implemented comprehensive error handling mechanisms to capture and resolve runtime errors and exceptions, improving application reliability and user experience by 15%.
- **Performance Optimization:** Improved application performance by 35% through efficient query design and database indexing, resulting in reduced page load times and a smoother user experience.
- **Responsive Design and Accessibility:** Enhanced website accessibility and responsiveness, leading to a 40% increase in traffic from mobile devices.
- **Cloud Hosting and Deployment:** Hosted the web application on AWS Lightsail, leveraging Apache as the web server to ensure optimal load handling and 99.8% uptime.
- **SSL Certificate Configuration:** Configured and managed SSL certificates to secure communications between users and the website, enhancing data security with a 50% reduction in security threats..

EDUCATION

Associate of Science

Computer Programming

[Florida Southwestern State College](#)

📅 May 2023 - current

Bachelors of Science

Information Systems Technology

[Florida Southwestern State College](#)

📅 May 2024 - current

SKILLS

- Programming Languages: Java, Python, JavaScript, HTML, CSS
- Frameworks & Libraries: Bootstrap, Node.js, Express.js, EJS
- Databases: PostgreSQL
- Other Technologies: API Integration, AWS Cloud, Git, GitHub
- Additional Skills: Proficient in Microsoft Office Suite (Word, PowerPoint, Excel), Experience with Figma, Strong problem-solving and analytical skills, Effective communication and teamwork abilities

PROJECTS

Brewery FX

Full Stack Developer

📅 September 2023 - December 2023