AGASTHYA YERRAPRAGADA

FULL STACK DEVELOPER

U.S. CITIZEN

CONTACT

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SKILLS

HTML

CSS

Javscript

Python

React

Node.js

Express.js

MongoDB

PostgreSQL

Microsoft SQL Server

Prisma

GraphQL

HL7 & Mirth Connect

Git

GitHub

Jest

EDUCATION

Bachelor's Degree   May 2021

University of Central Florida

PROFILE

Motivated and self-taught web developer with a passion for creating efficient, user-friendly, and scalable web applications. Demonstrates a strong ability to learn independently and quickly adapt to new technologies, frameworks, and industry trends. Proficient in full stack development with a solid understanding of both frontend and backend technologies. Skilled at problem-solving and optimizing code for performance, with experience in implementing RESTful APIs, authentication systems, and responsive design principles.

WORK EXPERIENCE

Founder & Full Stack Developer

L. E. Fent LLC   January 2025 - Current

- Developed a full-stack E-commerce website using React for the frontend, Express.js for the backend, and the Shopify GraphQL APIs.
- Designed and integrated a custom Shopify storefront to enhance user experience and optimize product displays.
- Built a scalable backend with Express.js, enabling seamless communication with Shopify GraphQL APIs.
- Managed product listings, inventory, and order processing through Shopify's GraphQL APIs.
- Implemented real-time data fetching and dynamic UI updates for improved responsiveness.
- Developed a mobile-responsive and SEO-friendly UI to maximize engagement and visibility.
- Integrated secure payment processing and user authentication directly through Shopify to streamline transactions and enhance security.

Systems Engineer Intern

Health Grid   June 2019 - August 2019

- Analyzed over 500 HL7 message structures and workflows to understand healthcare data exchange standards.
- Conducted SQL queries on large-scale hospital databases, handling datasets with up to 50,000 rows, supporting integration projects.
- Diagnosed and resolved 10+ HL7 message transmission issues, documenting troubleshooting steps.
- Created comprehensive documentation for HL7 message formats and database queries, used by a team of 6 engineers.
- Collaborated in 15 team meetings and knowledge-sharing sessions, contributing to the success of 3 major integration projects.
- Performed SQL queries to extract relevant data from HL7 messages, ensuring seamless integration with hospital systems and improving data accessibility for ongoing projects.