Pulivarthi Yamini Ratnam

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Authorized to work for any Indian Employer.

EDUCATION

Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing, *B. Tech Computer Science and Engineering*, 7.3/10.0 CPI	Jabalpur, Madhya Pradesh	**Expected Graduation August 2024**
FIITJEE, *8.86/10.00 GPA*	Vijayawada, Andhra Pradesh	Class of 2020
N. St. Mathew's Public School, *8.4/10.0 CGPA*	Vijayawada, Andhra Pradesh	Class of 2018

PROJECTS

1. Ecommerce Admin Dashboard & Store | *Nextjs, MySQL, Prisma, TailwindCSS*
- Developed a comprehensive Admin Dashboard featuring functionalities such as billboards management, data tables, category, size and color entity configurations, utilizing React, Nextjs 13 App Router, Tailwind CSS for responsive UI, and Clerk Authentication for secure access control.
- Built a dynamic Store Interface allowing users to explore individual products, categories, and sizes with intuitive navigation, employing React, Next.js 13 App Router, and Tailwind CSS for seamless user experience.
- Leveraged a full-stack tech stack, including Prisma ORM for database management, MongoDB for flexible data storage, and NextAuth for streamlined authentication, ensuring a cohesive integration of front-end and back-end functionalities.
- Implemented essential E-Commerce functionalities such as product preview modals, 'Add to Cart' functionality, and Stripe integration for secure and user-friendly checkout experiences, ensuring a smooth transactional process for users.

2. Recipe App with Authentication | *MongoDB, Express, React and Nodejs*
- Developed a feature-rich Recipe App using the MERN stack (MongoDB, Express.js, ReactJS, Node.js). Integrated MongoDB for data storage, Express.js for backend API creation, and ReactJS for building a dynamic user interface, showcasing proficiency in full-stack development.
- Implemented robust user authentication features utilizing ReactJS for the front-end authentication components and Node.js with Express.js for creating secure APIs, ensuring user data security and access control throughout the application.

3. FusionIIIT - Web and Mobile Application | *Python .8, Flutter, Dart*
- Contributed to campus's ERP website - FusionIIIT - a comprehensive automation system for various functionalities, modules and tasks of college.
- Implemented File Tracking system UI for mobile applications using flutter.

4. Javascript Fighting Game | *Javascript*
- Developed an interactive fighting game using JavaScript and HTML canvas, showcasing expertise in game mechanics, character movement, attacks, health bar interfaces, game timers, and sprite animations. Created an engaging gaming experience by combining technical skills with creative sprite sheet integration.

TECHNICAL SKILLS

Languages	: Python, C++, HTML/CSS, JavaScript, TypeScript
Developer Tools	: VS Code
Technologies/Frameworks	: Express, React, MongoDB, Nodejs, Nextjs, MySQL