GREESHMANTH POKURU

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Full Stack Developer proficient in Python, Java, MERN stack, and modern web technologies. Experienced in front-end (React.js, Next.js), back-end (Node.js), and databases (SQL, PostgreSQL). Passionate about building scalable systems, writing clean code, and creating responsive, cross-browser-compatible applications with a strong focus on UI/UX and performance optimization. A quick learner and collaborative team player.

WORK EXPERIENCE

Technical Specialist Intern   **Jan 2025 - Apr 2025**
Warp Drive Tech Works   **Bangalore**

- Developed and maintained web applications using **Next.js**, **Python**, and **Django**, contributing to faster feature rollouts.
- Built **responsive UI components** with strong focus on **performance optimization** and **cross-browser compatibility**.
- Integrated **RESTful APIs** and **GraphQL endpoints** implemented backend logic for **user authentication** and **data processing**.
- Collaborated in **Agile development cycles**, assisting in bug tracking, testing, and feature enhancement.
- Utilized **Git**, **API integration techniques**, and modern development tools to support efficient **code deployment** and **team workflows**.

EDUCATION

B. Tech in Computer Science and Engineering (IoT Specialization)   **Jan 2020 - May 2024**
PBR Visvodaya Institute of Technology and Science, Kavali   **GPA:** 76.06 %

PROJECTS

Image puzzle game (HTML, CSS, JavaScript)

Created an interactive image puzzle game where users can rearrange shuffled image tiles to reconstruct the original picture.

- Built using HTML, CSS, and JavaScript for dynamic and engaging gameplay.
- Implemented a drag-and-drop feature and a randomized shuffling algorithm for added challenge.
- Developed a randomized tile shuffling algorithm to enhance difficulty.
- Designed an adaptive, visually appealing UI for better user engagement.

Library CatLog (Java, Spring Boot, SQL)

Developed a web-based library management system using Java and Spring Boot that allows users to search, browse, and manage books, authors, and genres.

- Developed a user-friendly interface for librarians to add, update, and delete catalog entries.
- Enabled search and borrowing functionalities for users with library cards.
- Integrated SQL database for secure and efficient data storage and retrieval.
- Ensured scalability and responsiveness for a seamless user experience.

Cloud Based Smart Pantry Using Iot Project (Embedded-c)

Designed and implemented an IoT-enabled smart pantry system for real-time inventory monitoring and automated alerts via phone, email, and in-app notifications.

- Programmed microcontroller firmware using Embedded C for automation.
- Integrated with cloud services for remote monitoring and access.
- Developed a cross-platform mobile app for user-friendly pantry management.
- Optimized the system to reduce food waste and improve inventory efficiency.

SKILLS

Languages: Java, Python, C

Front-End: HTML, CSS, Bootstrap, JavaScript, React.js

Back-End: Node.js

Databases: SQL, PostgreSQL

APIs: REST API, GraphQL

Tools & Cloud: Git, GitHub, VS Code, AWS

SOFT SKILLS

Problem-Solving | Interpersonal Communication | Team Collaboration | Attention to Detail | Adaptability | Quick Learning