

GREESHMANTH POKURU

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CAREER OBJECTIVE

Full Stack Developer skilled in Python, Java, and modern web technologies, passionate about building scalable applications and continuously learning new technologies. Strong problem-solving skills with experience in front-end (React.js, Next.js with TSX), back-end (Django, Node.js), and database management (SQL, PostgreSQL). Quick learner, detail-oriented, and a collaborative team player who thrives in fast-paced environments.

PROJECTS

➤ 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.

➤ 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 for smooth user interaction.
- Developed a randomized tile shuffling algorithm to enhance difficulty.
- Designed an adaptive, visually appealing UI for better user engagement.

➤ 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.

EDUCATION

B. Tech | CSE-IOT

2020 – 2024

PBR Visvodaya Institute of Technology and Science, Kavali

76.06 %

TECHNICAL SKILLS

- **Languages:** Java, Python
- **Front-End:** HTML, CSS, JavaScript
- **Framework / Library:** Bootstrap, React.js, Next.js (TSX)
- **Back-End:** Django, 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