PULLAIAHGARI MANIDEEP REDDY

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Professional Summary

Full Stack Developer with expertise in the **MERN stack**, **Java, Python, SQL, and JavaScript**. Skilled in building scalable web applications, REST APIs, and database-driven solutions. Strong in problem-solving and Agile teamwork, with a passion for delivering efficient, user-focused software.

Education

Gurunanak Institutions Technical Campus, B.Tech

- CSE-AIML | GPA: 8.7

Sri Chaitanya Junior College, Board of Intermediate

- MPC Stream | Percentage: 94

Siddartha High School, SSC

- Percentage: 98

Projects

Question Paper Generator – Automated Web Application

Source Code | Live Demo

- Developed a **web-based system** that automates creation of question papers using difficulty levels, marks distribution, and topic coverage.
- Implemented **randomization algorithms** to ensure fairness and question diversity.
- Used **Node.js, Express.js, HTML, CSS, and JavaScript** for backend and UI development.
- Reduced manual paper-setting workload by **60%**, enabling faster exam preparation.
- Built an **admin dashboard** to manage question banks, apply constraints, and monitor paper generation.
- Successfully deployed with cross-device compatibility and responsive design.

Student Results Website – Full Stack MERN Application

Source Code | Live Demo

- Designed and developed a **full-stack web platform** to simplify publishing and accessing student academic results, actively used by students and faculty.
- Built using **HTML, CSS, Javascript** (frontend), **Node.js + Express.js** (backend), and **MongoDB** (database).
- Implemented secure authentication and role-based access for administrators and students.
- Created a responsive UI, improving accessibility for 1000+ students across devices.
- Reduced manual workload for faculty by **40%** through automated result uploads and instant retrieval.
- Integrated REST APIs for efficient communication between client and server.

Certificates

- Special Achievement Award (GNITC Annual Day – 2025) Recognition for excellence in academics and technical contributions at the university. View Certificate
- Recipe Sharing Platform – EduNet Internship (2025) Built a MERN-based recipe sharing web app during internship, focusing on full stack development. View Certificate
- AWS Cloud Practitioner Essentials (GeeksforGeeks – 2025) Learned fundamentals of cloud computing, AWS services (EC2, S3, IAM), and cloud deployment. View Certificate
- Programming in Java (NPTEL – 2024) Covered OOP, exception handling, collections, and Java applications. View Certificate
- Senior Software Developer – Product Development (PMKVY – 2025) Gained hands-on knowledge in product development, and software lifecycle. View Certificate

Technical Skills

Programming Languages: Java, Python, C, SQL, JavaScript
Web Development: HTML, CSS, Bootstrap, React.js, Node.js, Express.js, REST APIs
Databases: MongoDB, MySQL
Tools & Platforms: Git, GitHub, VS Code, AWS Cloud
Soft Skills: Problem Solving, Teamwork, Communication, Agile Methodology