

PRADEEP S

Pre-final year engineering student
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EDUCATION

SRI SAIRAM ENGINEERING COLLEGE

B.Tech in Artificial Intelligence and Data Science
Oct 2022 - May 2026 | CGPA: 8.84

BHARAT SCHOOL

Higher Secondary Education
2021 - 2022 | PERCENTAGE: 90.8%

SKILLS

PROGRAMMING LANGUAGES

Python, Java, C, SQL, JavaScript, Dart

FRAMEWORKS AND LIBRARIES

Node.js, React.js, Express.js, LangChain, LlamaIndex, Numpy, Pandas, Scipy, Flutter

TOOLS AND TECHNOLOGIES

HTML, CSS, MySQL, PostgreSQL, Git, Postman, Jupyter Notebook, VS Code, PyCharm, Colab, MS Office, Kaggle, OpenAI, AWS, MongoDB, LLMs

SOFT SKILLS

Teamwork, Leadership, Stakeholder Management, Effective Communication

COURSEWORK

Data Structures and Algorithms
Relational Database Management Systems
Big Data Processing
Object-Oriented Programming

CERTIFICATIONS

PYTHON FOR DATA SCIENCE
NPTEL | Sept 2024 | [Link](#)

FULL STACK DEVELOPMENT
Udemy | Oct 2024 | [Link](#)

FLUTTER ADVANCED COURSE
Udemy | May 2024 | [Link](#)

LANGUAGES

Tamil, English, Hindi (Beginner)

EXPERIENCE

INTEL | UNNATI STUDENT INTERN

Feb 2025 - Mar 2025

- Developed a Generative AI-based comic creator using MERN stack, Flask, and Python, improving content generation efficiency by 40%.
- Enhanced data pipelines by implementing advanced compression algorithms and parallel processing, reducing processing time by 50% and optimizing storage costs.
- Optimized AI-driven content architecture by improving data pipelines and UI/UX, increasing user engagement by 35% through efficient content delivery.

PROJECTS

AI-DRIVEN DOCUMENT AND CUSTOMER MANAGEMENT SYSTEM FOR FINANCIAL COMPANIES | [Link](#)

Jan 2025

- Built a full-stack solution with HTML, CSS, JS, Flask and MongoDB, automating document storage and saving 20+ hours/month.
- Designed AI-based document classification with OCR, achieving 95% accuracy and cutting query resolution time by 60% with an AI chatbot using OCR and RAG.
- Won the IIT Madras Hackathon, outperforming 300+ teams with an AI-driven solution for seamless cloud and MongoDB storage.

FOOD DELIVERY MERN STACK WEBSITE | [Link](#)

Jan 2025

- Developed a scalable, responsive food delivery website using the MERN stack, boosting user engagement by 30%.
- Built an admin panel for real-time food management and integrated Stripe, ensuring 99.9% secure transactions and improving operational efficiency.
- Optimized performance with Agile and RESTful APIs, reducing load times by 35% for a seamless user experience.

ACHIEVEMENTS

- Second topper in school in the HSC exam with 90.8%.
- Created and launched two real-time Flutter mobile apps on the Play Store.
- National-level topper in 3 NPTEL courses, including 2 in the AI domain.
- Solved 2000+ coding problems on LeetCode, SkillRack, and GeeksforGeeks.
- IIT Madras AI Challenge Winner, 2025.
- Led my department's symposium as Chairperson, overseeing planning and execution.

TECHNICAL PROFILE LINKS

- [GitHub://Pradeep2535](#)
- [SkillRack://sec22ad096](#)
- [LeetCode://pradeepeng](#)