

# Damodara Prakash P

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## Professional Summary

Enthusiastic Computer Science undergraduate with experience in full-stack development (MERN stack) and data engineering using PySpark, Jupyter Lab, and Databricks. Skilled in building scalable data pipelines and solving real-world problems. Passionate about creating efficient, scalable solutions through software development and data engineering.

## Education

### B.E. Computer Science and Engineering

Knowledge Institute of Technology (KIOT), Tamil Nadu

Pursuing (2023–2027) — Strong academic performance with participation in hackathons and a **CGPA of 7.6**.

### XII – Tamil Nadu State Board

Percentage: 84%

Sengunthar Matric Higher Secondary School, Tharamangalam

### X – Tamil Nadu State Board

Percentage: 83%

Sri Vidya Mandir Matriculation School, Jalakandapuram

## Certifications

### GenAI Apex Program — i18n Solutions, Salem

Dec 2024

- Built intelligent chatbots using Gemini API and OpenAI.
- Hands-on with Hugging Face models and Jupyter-based data analytics.

## Key Projects

### Full-Stack Developer (MERN Stack)

E-Commerce Platform [🔗](#)

- Developed a dynamic e-commerce site with real-time cart functionality.
- Integrated Cloudinary for image optimization and ensured a responsive UX across devices using ReactJS and TailwindCSS.

### Full-Stack Developer (MERN Stack)

Real-Time Chat App [🔗](#)

- Developed real-time messaging features with WebSocket.
- Implemented secure MongoDB authentication and optimized backend performance.

### Frontend Developer

Personal Portfolio [🔗](#)

- Designed and built a personal portfolio to showcase projects and skills using ReactJS and TailwindCSS.

## Experience

### Backend Developer (Team of 6)

Fin Quest — Learning Platform

- Collaborated to build a finance education app using full-stack technologies.
- Troubleshoot and resolved frontend/backend bugs, optimizing functionality and user experience.

- Finalist — MSME Hackathon (*Think Green Live Green*).

Hackathons

- Participant — M. Kumarasamy Engineering College Hackathon (*Fin Quest*).

## Skills

**Languages:** Python, JavaScript, Java, C++, C, HTML, CSS

**Technologies & Tools:** ReactJS, Node.js, MongoDB, Express, Bootstrap, TailwindCSS, GitHub, Git, MySQL, Excel, WebSocket, Cloudinary, PySpark, Jupyter Lab, Databricks

**Soft Skills:** Communication, Collaboration, Problem Solving, Creativity, Adaptability, Time Management