

CHANDANA P

Mangaluru

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GitHub

LinkedIn

LeetCode

Technical Skills

- **Programming Language:** Java
- **Frontend:** React.js, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS
- **Backend Concepts:** Node.js, REST APIs
- **Databases:** PostgreSQL, MongoDB
- **Developer Tools:** Git, GitHub, VS Code

Projects

Mini Learning Management System [\[link\]](#)

Dec 2025

- Built a full-stack Learning Management System where students can browse courses, enroll, and track learning progress through a dashboard.
- Implemented authentication and course management features for user-specific data handling.
- Handled backend data and API integration to store and retrieve user and course information.
- **Tech:** Next.js, PostgreSQL, Prisma, Tailwind CSS

Diabetic Retinopathy Detection

Feb - Nov 2025

- Developed a deep learning model that analyses retinal images and identifies the stage of diabetic retinopathy, enabling early detection of eye disease.
- The model processes uploaded eye images and returns predicted disease stage along with visual heatmaps highlighting affected retinal regions.
- Trained on the APTOS 2019 Kaggle dataset, achieving 93% validation accuracy for disease classification.
- **Tech :** PyTorch, FastAPI, EfficientNet, GradCAM, Reactjs, Transfer Learning

Meal Map – Recipe Generator Web App

Sep - Dec 2024

- Built a web application that generates step-by-step recipes based on ingredients entered by users.
- Integrated the Cohere API and backend logic to process inputs, generate recipes, and store user data.
- Enabled users to save and retrieve recipes through database integration.
- **Tech:** HTML, CSS, Node.js, Express.js, MongoDB, Cohere API

Education

Canara Engineering College, Bantwal

2022 - Present

Bachelor of Engineering in Computer Science

CGPA: 8.54

St.Aloysius PU College, Mangaluru

2020 - 2022

Pre-University (PCMC)

Percentage: 91.3%

Sri Ramakrishna English Medium School, Mangaluru

2020

SSLC

Percentage: 94.71%

Certifications

- PostgreSQL Bootcamp: Complete Beginner To Advanced Course - Udemy (2025)
- Introduction to MongoDB (For Students) - MongoDB (2025)
- TCS TechBytes - Statewide Engineering IT Quiz by TCS and BITES, Government of Karnataka. (2025)
- Java, Spoken Tutorial - IIT Bombay (2024)
- Web Development Fundamentals - IBM SkillsBuild (2024)