

# L PAVAN RAJ KAMAL

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**GitHub** : <https://github.com/Vijju-15>

**Portfolio** : <https://pavan-raj-kamal.vercel.app/>

## SUMMARY

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Versatile and results-oriented software developer proficient in Python, Java, JavaScript, Kotlin, HTML, CSS, and the MERN stack, focused on crafting innovative web solutions. Known for quick learning and problem-solving skills, I collaborate effectively, communicate clearly, and approach every task with precision. Passionate about continuous improvement, I excel in fast-paced environments and enjoy solving data-driven problems through structured thinking and automation. I excel in fast-paced environments. Currently pursuing a BE in Information Technology, with additional expertise in Next.js, SQL.

## SKILLS

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- Programming Languages : Java, Python
- Core Skills : Data Structures & Algorithms (DSA), Object-Oriented Programming
- Web Technologies : HTML5, CSS3, React.js, Express.js, Node.js, Next.js
- Database Systems : MySQL, MongoDB
- Libraries & Tools : MERN Stack, Pandas, NumPy, Matplotlib, GitHub, Postman, OpenCV
- Artificial Intelligence : Machine Learning, Deep Learning

## PROJECTS

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- **Password Manager** : It is a single page application ,frontend is built by react.js backend is with Express.js and database used is MongoDB.  
<https://github.com/Vijju-15/passwordmanager>
- **Queens Coffee** : MERN project for a coffee shop to generate bills, to store customer details and to track and log their profits and sales.  
[https://github.com/Vijju-15/Queens\\_coffee](https://github.com/Vijju-15/Queens_coffee)
- **Potato disease finder** : Deep learning project where CNN is trained with potato leafs diseases and created a fast api for the model, connected with the react.js project to build the frontend website.  
[https://github.com/Vijju-15/Potato\\_disease\\_prediction](https://github.com/Vijju-15/Potato_disease_prediction)
- **AI-Powered Cold Mail Generator for Sales Outreach**: Built a full-stack AI tool using LLaMA 3-70B, ChromaDB, and Streamlit to generate personalized cold emails for B2B sales outreach. Implemented semantic search for company-specific insights and built a responsive UI to support automated outreach.Targeted product-based firms (e.g., Nike, Adidas, JPMC) and served service-based companies like TCS and Atliq. Modular, scalable, and optimized for impactful automation.  
<https://github.com/Vijju-15/Cold-Mail-Generator>

- **AI-Powered Retail Analytics App:** Developed a full-stack web app using Next.js, FastAPI, and MongoDB, deployed via Docker and Render. Integrated Prophet (sales forecasting), XGBoost (dynamic pricing), and K-Means (customer segmentation). Included multi-shop support, user auth, interactive Recharts dashboards, and real-time data streaming with Apache Kafka. Demonstrates pattern recognition, predictive analytics, and real-time decision-making. Recharts. Showcases pattern recognition, real-time decision-making, and predictive analytics.  
<https://github.com/Vijju-15/AI-Retail-Management-System>
- **SkinAI: Smart Dermatology Guide(on going):** AI Cosmetic Dermatologist is an AI-powered skincare analysis system that scans facial images to detect skin issues and recommends the best chemical treatments, skincare products, and personalized routines. It also provides tailored diet plans and reminders to enhance skin health based on user profiles and environmental factors

## EDUCATION

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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY -BE**

2022 - 2026

Information technology-3rd year

CGPA - 8.85

**SRI VAISHNAVI JUNIOR COLLEGE**

2022

Intermediate - MPC

## ACHIEVEMENTS

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- Completed industrial training and internship in MERN with codesprint.
- Earned completion certificate in MongoDB.
- Shortlisted two times in internal hackathon for SIH(Smart India Hackathon).
- Completed internship with bytexl on DSA and Web Development with Python.
- Achieved the Microsoft Certified: Azure AI Fundamentals credential, demonstrating foundational knowledge of artificial intelligence concepts and Microsoft Azure services.