

# Vinay Kumar Pasupuleti

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 <https://github.com/vinnu3014>

## SUMMARY

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Motivated Full Stack Developer fresher with hands-on experience in building responsive and scalable web applications using React.js, Node.js, Express.js, and Python. Skilled in developing REST APIs, implementing JWT authentication, and managing databases like MySQL, PostgreSQL, and MongoDB. Actively uses AI tools such as GitHub Copilot and ChatGPT to accelerate development, debug issues, and improve code quality. Familiar with Git, GitHub, and deployment fundamentals. Passionate about learning emerging technologies and building AI-enabled, real-world applications.

## SKILLS

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### TECHNICAL SKILLS

- Programming Languages: Python,C,Javascript
- Frontend Development:HTML,Css,React.js
- Backend Development:Node.js,Restful APIs
- Authentication: JWT,Role based access control
- Database Management:MySQL,Postgresql
- AI/ML:CNN models,Data preprocessing and Augmentation
- Tools and Technologies:Git,GitHub,VS code

### SOFT SKILLS

- Adaptability
- Problem-solving abilities
- Team collaboration
- Leadership qualities
- Communication skills

## PROJECTS

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### Loan Eligibility and Emi calculator

- Learned how to preprocess financial data and predict loan eligibility using machine learning.
- Understood how to build REST APIs for eligibility checks and EMI calculation.
- Gained experience securing APIs with JWT authentication and role-based access control.
- Learned to implement protected routing based on user authentication.

### Smart Crop Disease&Yield Advisory Platform

- Learned CNN-based image classification with preprocessing and augmentation.
- Built image upload and prediction APIs with confidence scores.
- Implemented rule-based crop treatment and fertilizer recommendations.
- Designed scalable data flow to store predictions and user activity.

## EDUCATION

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2022 – 2026

**Bachelor of Technology (B.Tech) in Computer Science & Engineering**

Raghu Engineering College

CGPA: 8.6/10

## CERTIFICATIONS

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- Python Certification in Deloitte
- Data Analytics Basics - IBM
- Full stack cerification in Udemy
- AWS Certification in cloud architecture

## EXPERIENCE

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02/2025 – 03/2025

**Python Programmer Intern**

COD TECH IT SOLUTIONS India