

PUTLA VENKATESH

Computer Science & AI Graduate

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PROFESSIONAL SUMMARY

Computer Science & AI graduate with 3+ years of experience in full-stack development, machine learning, and DevOps. Delivered AI solutions with 95% accuracy and optimized systems for 30% performance gains. Skilled in agile environments, seeking roles in software engineering, AI/ML, or DevOps.

PROFESSIONAL EXPERIENCE

DevOps Intern

Synchronota Technologies Pvt Ltd

Oct 2024 – Dec 2024

Remote

- Built CI/CD pipelines with Jenkins and Docker, cutting deployment time by 60%
- Set up monitoring with Prometheus and Grafana, ensuring 99.5% uptime

Web Development Intern

DDoS Solutions

July 2023 – Aug 2023

Remote

- Developed responsive web apps with React.js and Node.js for 1,000+ users
- Enhanced database and API performance by 45%

EDUCATION

KKR & KSR Institute of Technology and Sciences

B.Tech in Computer Science & Artificial Intelligence

Guntur, AP

2021 – 2025

- CGPA: 7.54/10.0 | Expected Graduation: May 2025
- Coursework: Machine Learning, Deep Learning, Data Structures, Web Technologies

TECHNICAL SKILLS

Programming: Python, JavaScript, Java, SQL

Frontend: React.js, HTML5, CSS3, Tailwind CSS

Backend: Node.js, Express.js, Flask, REST APIs

AI/ML: TensorFlow, PyTorch, OpenCV, Scikit-learn

Database: MongoDB, MySQL, PostgreSQL

DevOps/Cloud: AWS, Docker, Jenkins, Terraform

Tools: Git/GitHub, VS Code, Grafana

Concepts: OOPS, DSA, Agile

KEY PROJECTS

Real-Time Fire Detection System | Python, YOLOv5, Flask

Jan 2025

- Built CCTV fire detection with YOLOv5, achieving 95% accuracy
- Created Flask API with real-time alerts, reducing false positives by 40%

Real-Time Vision: Live Object Detection | Python, YOLOv5

Feb 2025

- Developed live object detection system using YOLOv5, processing 30 fps with 92% accuracy
- Integrated real-time video streaming with OpenCV, supporting multiple camera inputs

KEY PROJECTS (CONTINUED)

Restaurant Management Web App | MERN Stack, Stripe API

Nov 2024

- Created full-stack app with Stripe, handling 200+ daily transactions
- Built scalable microservices with JWT, improving efficiency by 25%

ACHIEVEMENTS & CERTIFICATIONS

Achievements

JEE Mains 2021: Scored 72/100 percentile (Top 15%) among 900,000+ candidates

Certifications

NPTEL Cloud Computing Certificate (2023)
Infosys Springboard Networking and Web Technology (2024)

Udemy Web Development (2025)
AWS Academy Machine Learning Foundations (2023)

ADDITIONAL INFORMATION

Languages: English (Professional), Telugu (Native)
Interests: AI Research, Open Source, Tech Innovation

Availability: Immediate
Work Authorization: Indian Citizen, Open to Relocation