NIMMAGANTI VENKATA PRAVINA

AI/ML & Full Stack Development Enthusiast | Generative AI Developer | AWS Cloud Trainee

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HackerRank: https://www.hackerrank.com/profile/Venkatapravina

Professional Summary

Motivated and versatile AI/ML enthusiast and Full Stack Developer with internship experience in Generative AI and AWS Cloud solutions. Skilled in building intelligent bots, cloud-deployed applications, and scalable web systems. Proficient in both frontend and backend development using modern frameworks and cloud-native tools. Adept at solving complex problems and delivering production-ready solutions with focus on user experience and automation.

Education

Bachelor of Technology (B.Tech), Godavari Institute of Engineering and Technology
GPA: 8.66/10 | Year: 3rd Year (Expected Graduation: 2026)

Intermediate (12th Grade), Vishwabharathi Junior College – 92.5% (2020–2022)

SSC (10th Grade), Mother Teresa High School – 98% (2020)

Technical Skills
- **Programming Languages**: Python, SQL, HTML, CSS, JavaScript
- **Frameworks & Libraries**: React.js, Node.js, Django
- **Cloud Technologies**: AWS (EC2, S3, Lambda, SES), Cloud Deployment
- **AI/ML Tools**: Generative AI, Jupyter Notebook, OpenAI APIs, ChatGPT
- **Dev Tools**: Git, GitHub, Visual Studio Code, Mobaxterm, Linux
- **Databases**: MongoDB
- **Soft Skills**: Problem-Solving, Adaptability, Communication, Team Collaboration

Certificates

- Cloud Computing – NPTEL (2023)
- Python Programming – Coursera (2023)

Professional Experience

Full Stack Development Intern, IIDT – Blackbucks (via Techwing) | may 2023 – July 2023

- Built responsive full-stack web apps using React.js, Node.js, Django, and MongoDB.
- Developed REST APIs and deployed solutions on AWS ensuring 99.9% uptime.
- Enhanced app performance by implementing optimized queries and caching.
- Integrated basic DevSecOps practices in collaborative sprint environments.

AI & AWS Intern, Techwing | Jan 2024 – Apr 2024

- Developed an intelligent Email Automation Bot using Generative AI and AWS SES.
- Created workflows using AWS Lambda and Python to manage auto-reply, scheduling, and categorization.
- Integrated OpenAI API with custom NLP logic for intent-based responses.
- Gained hands-on experience in cloud services (Lambda, EC2, S3) and prompt engineering.

Projects

Personal Portfolio Website (React.js, Node.js, MongoDB, AWS)

- Developed a responsive and fully deployed portfolio website showcasing skills and projects.

Email Automation Bot (Python, AWS Lambda, OpenAI API)

- Designed a bot to automate email workflows based on content, timing, and category.
- Implemented NLP-driven auto-responses using Generative AI models.

Languages

English (Fluent)
Telugu (Fluent)
Hindi (Conversational)

Hobbies

Exploring Comics and Novels
Listening to songs
Gardening

Declaration

I hereby declare that all the details above are true and correct to the best of my knowledge and belief.