

# Vasu Paul Jayakar

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🌐 pauljayakar30 — 📄 pauljayakar30 — 🌐 paul-jayakar-portfolio.vercel.app

## SUMMARY

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A motivated and detail-oriented Computer Science student specializing in AI/ML, with hands-on experience in full-stack development and cloud technologies. Proven ability to build robust applications with modern technologies like Node.js, Python, and AWS. Eager to leverage a strong foundation in software engineering and machine learning to contribute to innovative projects and drive technical excellence.

## EDUCATION

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### Mohan Babu University

*B.Tech in Computer Science and Engineering (AI & ML)*

Tirupati, AP

2022 – 2026 (Expected)

- **CGPA:** 7.44 / 10.0
- **Higher Secondary (12th):** 76%
- **Secondary (10th):** 86%

## TECHNICAL SKILLS

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**Languages:** Python, Java, JavaScript (ES6+), C, HTML5, CSS3, SQL

**Backend:** Node.js, Express.js

**Frontend:** Bootstrap 5

**Databases:** MySQL

**Cloud Developer Tools:** AWS (AI/ML Services), Google Cloud (Vertex AI), Git, GitHub, REST APIs

**Spoken Languages:** English, Telugu, Hindi, Tamil

## PROJECTS

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### Full-Stack Personal Portfolio Website

- Developed a responsive full-stack web application using HTML5, CSS3, and Bootstrap 5 for the frontend, featuring animated UI elements for an enhanced user experience.
- Built a secure and scalable backend using Node.js and Express.js, implementing rate limiting and CORS protection for API endpoints.
- Engineered a data management solution by integrating Google Sheets API for seamless data storage and retrieval.
- Implemented an automated email notification system for contact form submissions using Nodemailer.

## INTERNSHIPS

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### EduSkills Foundation (in collaboration with APSICHE)

Virtual

*AWS AI-ML Intern*

- Completed an intensive program focused on Artificial Intelligence and Machine Learning on the AWS cloud platform.
- Gained hands-on experience with industry-relevant AWS services and machine learning models, deepening expertise in cloud-based AI.

## CERTIFICATIONS

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**Google Cloud - Generative AI:** Explore Generative AI with the Gemini API in Vertex AI, Inspect Rich Documents with Gemini Multimodality, Develop GenAI Apps with Gemini and Streamlit, Prompt Design in Vertex AI, Build Real World AI Applications with Gemini and Imagen

**AWS Academy Graduate:** Cloud Foundations, Machine Learning Foundations

**Oracle:** AI Vector Search Certified Professional

## EXTRACURRICULAR ACTIVITIES

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**Mohana Mantra 2k24 (College Fest)**

Tirupati, AP

*Core Member, Registrations Team*

2024

- Managed and coordinated the registration process for a major college-level technical and cultural fest, demonstrating organizational and teamwork skills.