

# GOTTAM VENKAT LAXMI

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## SUMMARY

Aspiring **AI/ML Engineer** with strong foundations in computer science, machine learning, deep learning, NLP, data processing, Data Structures, Cloud Computing and Software Development. Experienced in building end-to-end AI systems involving data preprocessing, model training, evaluation, and deployment. Skilled in Python, Java, C, SQL, HTML/CSS/JS, React, and AI/ML tools & frameworks, and working with NoSQL databases. Demonstrated ability to build **real-world AI solutions**, optimize system performance, and collaborate in cross-functional teams. Passionate about developing scalable, user-centric, and research-driven AI/ML models aligned with business objectives.

## EDUCATION

• <b>Vidya Jyothi Institute of Technology, Hyderabad</b>	2023-2027
B. Tech in Information Technology	CGPA:9.42/10
• <b>SR Junior College, Hyderabad</b>	2021-2023
TS Board of Intermediate in MPC	Percentage: 97.4
• <b>Telangana State Model School, Siddipet</b>	2011-2021
TS Board of Secondary Education	GPA:10/10

## SKILLS

- **Programming Languages:** Java, Python, C, R, SQL.
- **Web Technologies:** HTML5, CSS3, JavaScript, UI/UX Design
- **Core Skills:** Data Structures & Algorithms, Version Control (Git/GitHub),.
- **Database Systems:** MongoDB, MySQL, Supabase.
- **Data Visualization:** Pandas, NumPy, Matplotlib, Power BI, Tableau, Excel
- **Cloud Computing:** AWS (EC2, S3), Google APIs, Cloud-based application integration
- **Tools:** Figma, Canva, VS Code, GitHub
- **AI/ML & APIs:** Machine Learning, NLP, Google APIs, Voice Processing, API Integration, Cloud Computing, Deep Learning (TensorFlow, PyTorch basics), Computer Vision, Sentiment Analysis, Scikit-learn, Data Preprocessing, Model Evaluation & Optimization.
- **Soft Skills:** Communication, Team Collaboration, Problem Solving, Quick Learner, Adaptability,

## PROJECTS

### VoiceBridgeAI – AI Voice Communication System | Python, Twilio, ElevenLabs, APIs

- Built an AI-powered voice system with secure authentication, reducing fraud by 75%.
- Optimized architecture for low-latency voice processing (40% faster).
- Integrated real-time speech synthesis and sentiment detection for natural conversations.

### GemLinkAI – Automated Task Execution Assistant | Python, NLP, Google APIs

- Developed workflow automation tool integrating Google Workspace APIs.
- Achieved 95% NLP accuracy, boosting productivity by 60%.
- Delivered personalized day-wise learning plans with curated YouTube resources, showcasing real-world application of AI-driven content generation and task automation.

### Computer Vision Hand Tracking | Python, OpenCV, MediaPipe

- Implemented gesture-based real-time hand tracking for interactive gaming experiences.
- Enabled hands-free game control, improving user engagement and immersive gameplay.
- Optimized ML pipelines with multiprocessing, increasing frame processing speed by 30%.

## INTERNSHIP EXPERIENCE

### • Web Developer Intern – Shadow Fox | Hyderabad

May 2025 – June 2025

- Designed responsive web apps (HTML5, CSS3, JS), improving UX by 65%.
- Optimized cross-device scalability, reducing revision cycles by 50%.
- Applied best practices, cutting front-end dev time by 40%.

<ul style="list-style-type: none"> <li>• <b>Web Developer Intern – Micro IT   Hyderabad</b></li> <li>- Developed React.js-based front-end systems, improving UI efficiency by 75%.</li> <li>- Integrated secure APIs, reducing system errors by 60%.</li> <li>- Enhanced cross-browser accessibility, boosting adoption by 85%.</li> </ul>	May 2025 – June 2025
<ul style="list-style-type: none"> <li>• <b>Front-End Developer Intern – CodeTech IT Solutions   Hyderabad</b></li> <li>- Improved performance by 80% using caching &amp; reusable UI components.</li> <li>- Built reusable UI modules, cutting dev efforts by 60%.</li> <li>- Ensured platform consistency, improving customer satisfaction by 70%.</li> </ul>	June 2025-July 2025

## CERTIFICATIONS

•Certified in Computer Networks, Flutter by Simplilearn Skill Up	27 September 2025
•Certified in Sparkathon Participation by Walmart	27 August 2025
•Certified in Java, JavaScript Essentials by Simplilearn Skill Up	16 August 2025
•Certified in Python Programming by Nxtwave	08 August 2025
•Certified in Applied Generative AI by Infosys Springboard	01 August 2025
•Certified in Principles of Generative AI by Infosys Springboard	29 June 2025
•Certified in Introduction to NLP by Infosys Springboard	12 June 2025
•Certified in Introduction to Data Science by Infosys Springboard	07 June 2025
•Certified in Operating Systems by Cisco	18 May 2025
•Certified in JavaScript Essentials by Cisco	16 May 2025
•Certified in AWS Solutions Architecture Job Simulation by Forage	29 April 2025
•Certified in Developer and Technology Job Simulation by Accenture	24 April 2025
•Certified in Data Analytics Job Simulation by Deloitte	23 April 2025
•Certified in Introduction to Databases by NxtWave	20 April 2025
•Certified Programming Essentials in C (CLA) by Cisco	24 June 2024
•Certified Programming Essentials in Python (PCAP) by Cisco	18 May 2024