Sukesh Gunda

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EDUCATION

PES University — Bengaluru, India
B.Tech in Computer Science and Engineering — *08/2022 – Present*
- CGPA: 9.12

Sri Venkateswara Jr. College — Visakhapatnam, India
11+12 (PCM) — *06/2020 – 06/2022*
- Marks: 983/1000

EXPERIENCE

Teaching Assistant — 01/2025 – Present
Microprocessors and Computer Architecture — *PES University, Bengaluru, India*
- Assisted in lab sessions, and evaluations for undergraduate students.
- Helping to improve the course content to enhance student understanding and engagement.

Summer Intern — 06/2024 – 08/2024
PESU Center for Information Security, Forensics and Cyber Resilience — *Bengaluru, India*
- Developed an approach to improve dynamic IP detection by enhancing substring similarity metrics for PTR records.

EXTRACURRICULAR ACTIVITIES

Founder and Club Head — 03/2024 – Present
GronIT – The Green Computing Club — *Bengaluru, India*
- Explored Green Computing through extensive review of diverse research papers and emerging new technologies.

PROJECTS

LegalLink
- Designed a digital platform using React, Vite, Tailwind CSS, Express, and MongoDB.
- Specifically built for lawyers, offering a more efficient and organized way to manage their work.

EventFlow
- Developed a dynamic event management platform using Flask, MySQL, and Streamlit to streamline event planning, scheduling, and participant engagement.
- Designed to also send reminders and invitations to registered participants when specified by the user.

LegalEase
- An AI-powered chatbot that simplifies access to government welfare schemes by providing personalized recommendations and eligibility verification.
- Built using Flask, LangChain, ChromaDB, HTML, and CSS. Implemented RAG and BERT for NLP.

Genesys 24-Hour Hackathon Website
- Developed a hackathon registration website using React, Vite, and Tailwind CSS, deployed on Vercel: genesyspes.vercel.app.

TECHNICAL SKILLS

Languages: C, Python, C++, Java, MySQL, MongoDB, Neo4j
Tools and Technologies: Data Structures, Data Analysis, MATLAB, Flask, Tailwind CSS, React Vite, Qiskit, Wireshark, Network Miner, Blender
Interests: Reinforcement Learning, NLP, Networks, Digital Twins, Data Analytics

ACHIEVEMENTS & CERTIFICATIONS

- **Kodikon 4.0** — Under Top 36 Teams of 320 (November 2024)
- **Diplomat Wars 3.0** — Winner (March 2023) Organized by PES MUN Society
- **CRAIYON** — 3rd Place (February 2024) Technical event organized by AURA Club, PES University
- **Google's Play It Safe: Manage Security Risks** — Completed (March 2024)
- **Google's Foundations of Cybersecurity** — Completed (January 2024)