

Gurumauj Satsangi

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EDUCATION

Vellore Institute of Technology Bachelor of Technology in Computer Science Aug 2023 - Present
CGPA: 8.33/10.0

WORK EXPERIENCE

Software Development Engineer Intern at AlgoLeap May 2025 - July 2025

- Integrated a unified GenAI API for text, image, audio, and video generation, eliminating the need for multiple separate API keys.
- Streamlined multimodal AI workflows with a consistent design, reducing integration challenges and rate-limit errors by 30%.

Intern at Indian Association for the Cultivation of Science Dec 2024 - Jan 2025

- Built a Store Inventory & Job Card Portal to automate tracking and operations, boosting departmental efficiency by 40%.
- Processed over 8000+ applications through a login-secured, scalable platform, delivering the product two weeks ahead of schedule.

Intern at Dayalbagh Educational Institute - Multimedia Laboratory June 2024 - July 2024

- Developed an interactive Moodle-based online learning platform for the ICT-Continuing Education Centre, supporting 100+ learners with structured digital course delivery.

PROJECTS

DevXploit

[Link](#)

- Developed a security visualization platform that transforms vulnerability scanning into an interactive storytelling experience.
- *Technologies Used: NodeJS, Express, OpenAI API, OWASP, ZAP Proxy*

Memory Lens

[Link](#) [Demo](#)

- Developed an intelligent memory recall framework allowing users to find images via natural language without the need to find the images manually by scrolling endlessly, improving search efficiency by 90% for galleries with 1,000+ images.
- Selected for Round 2 of the Samsung PRSIM GenAI Hackathon 2025 organized by Samsung R&D Institute - Bangalore out of total 860 participating teams.
- *Technologies Used: Flutter, OpenAI API, Dart, NodeJS, Express, AWS Rekognition (for image processing), Qdrant*

ConfEase

[Link](#)

- Developed a Conference Management Toolkit to handle paper and poster submissions, with features for review tracking and real-time status updates.
- *Technologies Used: HTML, CSS, Javascript, NodeJS, Express, Supabase*

Hostel Dekho

[Link](#) [Demo](#)

- Developed an centralized web platform that provides real-time, community-driven information on hostels and rooms at VIT Vellore.
- Designed to simplify the hostel counselling process, the platform offers open access to detailed hostel insights such as room conditions, Wi-Fi performance, and student remarks, without any login or signup requirements, ensuring maximum accessibility and ease of use for students
- *Technologies Used: NodeJS, Express, Microsoft Azure, Supabase*

ACHIEVEMENTS

Honourable Mention Award - BU x Berkely SkyDeck Fund Hackathon 2026

Best AI Model - Yantra Central Hackathon 2025

Winner - VIT Aquathon 2024

CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF C02)

Score: 820 / 1000

SKILLS

Technologies & Tools NodeJS, Express, MongoDB Atlas, SQL, Supabase, Git, Bootstrap, Microsoft Azure, AWS, QdrantDB