

# AKSHITH M

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Bengaluru, Karnataka

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## PROFILE

Goal-oriented AI & DS student with a passion for tech, leadership, and real-world problem solving. Eager to contribute while deepening technical expertise and gaining hands-on experience.

## PROJECTS

### Research papers

- Use of Neural Network Convolution and Transfer Learning to Classify Unmanned Aerial Vehicle Flight Mode
- Automated Vehicle Detection and Classification Using Machine Learning Techniques
- Improved Lung Cancer Prognosis Via Hyperparameter Tuning on Machine Learning Classification Algorithms
- Selection of Smart Cloud Storage Systems using Fuzzy AHP and Fuzzy TOPSIS
- Forecast Conversion In Digital Marketing Using ANN

### Web Development

- **GRACE – AI-Powered Healthcare Assistant**

*Final Year Project | Angular • FastAPI • MongoDB • Tesseract OCR*

- Developed a full-stack web application to extract and structure data from medical prescriptions using OCR.
- Enabled patients to set personalized medicine reminders with scheduling, email notifications, and intake tracking.
- Built an intuitive, responsive frontend with dynamic form handling and reminder management.
- Implemented secure RESTful APIs for data management and real-time communication between client and server.

- **VTU Youth Fest – Interact 2025 Event Management Platform**

*Project Lead | Next.js • Tailwind CSS • PostgreSQL • Prisma ORM*

- Led development of a full-stack website for the 24th VTU Youth Fest, managing registration and event logistics.
- Enabled 100% online registration for 3000+ participants across 100+ colleges, replacing manual workflows.
- Integrated secure payment gateway, dynamic form validation, and automated QR code-based ID generation.
- Built real-time participant search, multi-level filtering, and exportable reports in Excel/PDF formats for organizers.
- Deployed via Vercel with performance optimizations for mobile responsiveness and high-traffic load handling during the 4-day statewide event.

## CERTIFICATIONS

- Machine Learning Foundations (INFOSYS Springboard)
- Python foundation (INFOSYS Springboard)
- IBMZ Datathon
- Paper Presentation at MIT Bangalore (Improved Lung Cancer Prognosis)

## SKILLS

- Technical Skills : Python, HTML, SQL, Power BI, Tableau, R, Microsoft office
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously
- Problem solving, Logical reasoning, Critical thinking

## EDUCATION

**Bachelor's of Engineering in Artificial Intelligence and Data Science** **2021-2025**

CGPA: 6.3 (as of 7<sup>th</sup> Sem)

Global Academy of Technology

**Pre University College** **2019-2021**

Percentage 81%

Sri Bhagawan Mahaveer Jain College

**Central Board of Secondary Education** **2019**

Percentage 92%

Sri Chaitanya Techno School

## Co-curriculars

- **Convener, VTU Youth Fest 2025 – Interact**

Led Karnataka's largest inter-college cultural fest hosted at GAT, with 100+ participating colleges, 3000+ registered participants, and 8000+ attendees.

– Oversaw end-to-end event execution including student registration, technical backend (website), accommodation, food, discipline, and logistics coordination across a 4-day statewide festival.

– Managed a team of 700+ volunteers and faculty liaisons to ensure seamless operations.

- **Convener, Run for Hunger – 5K Charity Marathon**

Organized a large-scale fitness + social impact initiative at Global Academy of Technology.

– Reached over 50,000 people through strategic social media marketing.

– Raised significant funds to provide ration kits for underprivileged families, each sustaining a family of 4 for 3 months.

– Delivered an event combining health, community awareness, and long-term relief impact.

- **Convener, GAT Ganesha Utsava 9.0**

Headed the 3-day Ganesh Chaturthi celebration on campus — a cultural and spiritual flagship event.

– Led fundraising (₹2 lakh target), managed event planning, stage programs, logistics, and coordination of Pratishtapana and Visarjane.

– Ensured smooth conduct of religious rituals, student performances, and crowd engagement.

- **Student Placement Coordinator**

Represented the AI & DS Department in coordinating student placements, facilitating industry interaction, resume preparation sessions, and mock interviews.

– Worked with faculty and training teams to align students with recruitment cycles.

- **Co-organizer, CIISCA IEEE International Conference**

Supported the planning and execution of a flagship international research conference at GAT.

– Assisted in speaker coordination, technical session management, and event logistics.