

# Shaik Hassan Ahmed

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## EDUCATION

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### Anurag University

Bachelor of Engineering  
Major in Computer Science;  
Cumulative GPA: 8.3/10;

Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Artificial Intelligence; GenAI; React Development

Hyderabad, INDIA  
Expected August 2027

### Indian Institute of Technology Ropar (IIT)

Minor In Artificial Intelligence.  
Relevant Coursework: Machine Learning; Neural Networks; Natural Language Processing;  
Computer Vision; Generative AI; AI Ethics and Policy

Ropar, INDIA  
Expected August 2027

## WORK EXPERIENCE

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### Microsoft Learn Student Ambassador (MLSA)

August 2024 – Present

- Hosted challenges and workshops to help students explore Microsoft technologies, such as Python and GitHub, through the Microsoft Learn platform.
- Led community initiatives, promoting learning in cloud computing, AI, and software development, resulting in increased participation and engagement.
- Facilitated coding challenges on Microsoft platforms, fostering skill development for over 500 students.

## ACTIVITIES

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### Hackathon Enthusiast

- Participated in 15+ national and regional hackathons, building innovative solutions in domains like healthcare, tourism, etc.
- Secured top 3 positions in two national level hackathons, including a tourism app that won 3rd prize at Vasavi Engineering College for solving real-time discovery challenges for travelers.

## TECHNICAL SKILLS

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- Programming Languages:** C++, Python, JavaScript, C, Java 24 (basic)
- Web Development:** HTML, CSS, React, Flask, Supabase, Vite, Bootstrap, Tailwind CSS
- Backend & API Development:** REST APIs, Flask, Supabase Auth, Node.js (beginner)
- Databases:** PostgreSQL, Firebase, Supabase
- Cloud & DevOps:** Microsoft Azure (App Services, Blob Storage, Functions), Git, GitHub, Azure DevOps
- Tools & Platforms:** FlutterFlow, VS Code, Postman, Pictory, Cloud Code, GitHub Actions
- AI/ML & Generative AI:** Prompt Engineering, LLMs, IBM SkillsBuild AI Foundations, Google Cloud AI (EduSkills Internship)
- Other:** Open-source contributions (GirlScript Summer of Code), Hackathon experience (Winner Tourism Sector)

## PROJECTS

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- Heritage Hues – Smart Travel Companion | Winner – Vasavi Hackathon**  
Flutter app with Firebase backend to recommend hidden tourist spots using real-time data and location APIs.  
*Flutter, Firebase, Google Maps API*
- DoctorHealth – Health Diagnosis Platform (In Progress)**  
React-Flask app with symptom checker, AI-powered medical doc analysis, and Azure integration.  
*React, Flask, Azure AI, Supabase* • [Project Visit](#)

- **AmmasKitchen – Family Recipe Sharing App** (*In Progress*)  
Social platform for families to share and preserve traditional recipes with multimedia support. *Mobile Development, Database Integration, Social Features.*  
*Flutter,supabase,no-code-development* • [Repo Link](#)
- **Learning Management System (LMS)**  
Built in a 24-hour hackathon to manage courses, track progress, and enable live Q&A.  
*React, Firebase, Material UI* .
- **VisionVault - Smart Image Insight Web App**  
A modern, AI-powered image analysis application that uses Azure Computer Vision API to provide comprehensive image insights including object detection, OCR text extraction, and smart image descriptions.  
*React+Vite, Supabase,Azure Computer Vision* • [Repo Link](#)
- **Python Voice Assistant**  
Developed a desktop assistant using speech recognition and text-to-speech libraries.  
*Python, SpeechRecognition, pyttsx3* • [Repo Link](#)

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## CERTIFICATIONS & TRAINING

- **Google Data Analytics Professional Certificate** – *Google*  
*Credential ID: ORGL5B1H59ST* | [Credential Link](#)  
Professional certification demonstrating comprehensive data analysis and visualization skills.
- **Oracle Certified Foundations Associate** – *Oracle*  
*Credential ID: 316677001OCI2024FNDCFA* | [Credential Link](#)  
Validates understanding of Oracle Cloud and cloud infrastructure essentials.
- **Meta Front-End Developer Certificate** – *Meta*  
*Credential ID: XL8K4VCCW30D* | [Credential Link](#)  
Professional certification validating modern front-end development expertise from leading tech company.
- **Software Engineering Job Simulation** – *Goldman Sachs (Forage)*  
*Credential ID: PCix9eLsy9o63ve2Z* | [Credential Link](#)  
Completed simulated project on data handling, code reviews, and testing.
- **AWS APAC Solutions Architecture Job Simulation**– *AWS (Forage)*  
*Credential ID: XSqvJxsob34nPcMH5* | [Credential Link](#)  
Demonstrates cloud architecture design skills and AWS solutions expertise through practical simulation.
- **Prompt Design in Vertex AI** – *Google Cloud Skills Boost*  
[Credential Link](#)  
Skill badge in crafting effective prompts for LLM-based apps.
- **Develop GenAI Apps with Gemini & Streamlit** – *Google Cloud*  
[Credential Link](#)  
Practical hands-on with LLMs, Gemini API, and app development.
- **SQL (Basic)** – *HackerRank*  
*Credential ID: 1490719B0D29* | [Credential Link](#)  
Assesses foundational SQL skills for databases and querying.
- **Artificial Intelligence Fundamentals** – *IBM*  
[Credential Link](#)  
Validates core AI knowledge.
- **The Joy of Computing using Python** – *NPTEL*  
*Credential ID: NPTEL23CS20S43755302* | [Credential Link](#)  
Academic-level course covering core Python programming and problem-solving.

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## HONORS & EXTRACURRICULARS

- **Hackathon Winner** – Tourism App at Vasavi Engineering College
- **Microsoft Learn Student Ambassador**
- **Blackbox AI Student Ambassador**
- **IEEE Secretary** – Leading 7 student chapters at Anurag University
- **Community Co-Founder (I-Learn)**– AI & Tech community initiative

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## Languages

- **Fluent in English**
- **Conversational proficiency Hindi,Telugu,French**