Shaik Hassan Ahmed

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EDUCATION

Anurag University   Hyderabad, INDIA
Bachelor of Engineering   Expected August 2027
Major in Computer Science;
Cumulative GPA: 8.3/10;
Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Artificial Intelligence; GenAI; React Development

Indian Institute of Technology Ropar (IIT)   Ropar, INDIA
Minor In Artificial Intelligence.   Expected August 2026
Relevant Coursework: Machine Learning; Neural Networks; Natural Language Processing;
Computer Vision; Generative AI; AI Ethics and Policy

WORK EXPERIENCE

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

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

- **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

- **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](#)

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.
- **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.
- **The Joy of Computing using Python** – *NPTEL*
  Credential ID: NPTEL23CS20S43755302 | [Credential Link](#)
  Academic-level course covering core Python programming and problem-solving.

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

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

Professional & Technical Profiles

- [Leetcode](#) | [Github](#) | [MLSA Profile](#) | [Credly](#)