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 2027
Relevant Coursework: Machine Learning; Neural Networks; Natural Language Processing;
Computer Vision; Generative AI; AI Ethics and Policy

WORK EXPERIENCE

Microsoft Learn Student Ambassador (MLSA)
Microsoft
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

Microsoft Learn Student Ambassador   Hyderabad, INDIA

- Collaborated with peers to promote Microsoft technologies and resources within the student community.
- Organized learning sessions and challenges to encourage skill development in various tech domains.
- Engaged with participants to facilitate discussions and knowledge sharing.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, C, Java (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
- **Learning Management System (LMS)**
  Built in a 24-hour hackathon to manage courses, track progress, and enable live Q&A.

React, Firebase, Material UI .
- **Portfolio Website**
  Personal portfolio built using React+Vite with integrated AI chatbot for interactive experience.
  React+Vite, Supabase,Gemini • [Repo Link](#) • [Project Visit](#)
- **Python Voice Assistant**
  Developed a desktop assistant using speech recognition and text-to-speech libraries.
  Python, SpeechRecognition, pyttsx3 • [Repo Link](#)

CERTIFICATIONS & TRAINING

- **Frontend Developer React** – *HackerRank*
  Credential ID: E28784C16E5C |[Credential Link](#)
  Demonstrates proficiency in React.js for real-world UI development.
- **Oracle Certified Foundations Associate** – *Oracle*
  Credential ID: 316677001OCI2024FNDCFA | [Credential Link](#)
  Validates understanding of Oracle Cloud and cloud infrastructure essentials.
- **AI Foundations** – *IBM*
  [Credential Link](#)
  Comprehensive base in artificial intelligence concepts and applications.
- **Machine Learning Foundations** – *AWS Educate*
  [Credential Link](#)
  Covers ML workflows, supervised/unsupervised learning, and AWS tools.
- **Introduction to Generative AI** – *AWS Educate*
  [Credential Link](#)
  Entry into GenAI technologies, including transformers and model workflows.
- **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.
- **Software Engineering Job Simulation** – *Goldman Sachs (Forage)*
  Credential ID: PCix9eLsy9o63ve2Z | [Credential Link](#)
  Completed simulated project on data handling, code reviews, and testing.
- **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.
- **React Basics** – *Meta (Coursera)*
  Credential ID: 3YGC43SVBY6B | [Credential Link](#)
  Structured React training from Meta with JSX, hooks, and state.
- **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 Founder** (**TechnoSphere**)– AI & Tech community initiative

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