

Abhik Goswami

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EDUCATION

Vellore Institute of Technology, Bhopal , BTech in Computer Science and Engineering	2022 – ongoing
• CGPA: 7.96/10	
Ramakrishna Mission Vidyalaya, Vivek Nagar, Tripura , 12th standard	2022
• Percentage: 84%	
Ramakrishna Mission Vidyalaya, Vivek Nagar, Tripura , 10th standard	2020
• Percentage: 84%	

TECHNICAL SKILLS

- **Programming Languages, Frameworks, Databases:** C++, Java, Python, Streamlit, MySQL, SQL
- **Development:** HTML, CSS, Android Development, Kotlin, XML, JetPack Compose
- **Developer tools and Software:** VS Code, Android Studio, GitHub, Firebase, AWS, Microsoft Office

PROJECTS

Mudra Sahayak - An AI-Driven App for Finances and Loan Approval

- Technologies: Kotlin, JetPack Compose, XML, Android Studio, Firebase, AI
- Developed an Android application “Mudra Sahayak” which provides instant personal loans to users in rural and semi-urban India.
- The platform is engineered to overcome challenges like low digital literacy, the absence of formal credit histories etc.
- Built a multilingual conversational chatbot (English / Hindi) with voice-to-text accessibility, and also implemented an AI underwriting model that uses alternative data sources reducing manual work by 40%.

Community Resource Locator - The Community Service Nexus

- Technologies: Java, XML, Android Studio, Firebase, Maps API
- Engineered an Android App to close the gap between needy individuals and local essential services like ambulances, Health shelters etc. particularly in case of emergencies or crises.
- Integrated dynamic search and real time map view, cutting service discovery time by 60%.
- Enabled instant geolocation-based navigation to improve emergency response efficiency.

VIT Bhopal Infosphere - An Intelligent Chatbot Assistant for University Queries

- Technologies: Python, CSS, SQL, stream lit Framework
- Designed a one stop chatbot system to answer different kind of day to day queries of all the stakeholders related to or seeking admission into VIT Bhopal University.
- Built backend knowledge base and frontend interface, reducing dependency on manual resolution by 60%.

ACHIEVEMENTS

- Hacker Rank 5 Star in C++ and Problem Solving. [Profile Link](#)
- Solved 600+ Questions on GFG. [Profile Link](#)
- 150+ Questions on Leet code. [Profile Link](#)
- Awarded Reliance Foundation UG Scholarship 2023 (INR 2 Lakhs).

CERTIFICATIONS

- Databases for Developers | Oracle
- AWS Cloud Practitioner Essentials | AWS Academy
- Problem Solving (Intermediate) | HackerRank

LANGUAGES: English(Proficient) | Hindi(proficient) | Bengali(Native)