

# Abhik Goswami

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## EDUCATION

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<b>VIT Bhopal University, Bhopal</b> , BTech in Computer Science and Engineering	Sept 2022 – ongoing
• CGPA: 7.91/10	
<b>Ramakrishna Mission Vidyalaya, Vivek Nagar, Tripura</b> , 12th standard	June 2022
• Percentage: 84%	
<b>Ramakrishna Mission Vidyalaya, Vivek Nagar, Tripura</b> , 10th standard	July 2020
• Percentage: 84%	

## TECHNICAL SKILLS

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

## PROJECTS

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### 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

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- 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

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- Machine Learning Foundations | IBM
- Databases for Developers | Oracle
- Cyber Security Analyst | IBM

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