Sagnik Sahoo

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Professional Summary

Passionate and results-driven Computer Science student (B.Tech, VIT Bhopal, May 2027) with hands-on experience in mobile app development, AI-powered solutions, open-source contributions, and rapid prototyping. Proven track record of delivering production-ready applications using Flutter, Node.js, Python, and emerging AI technologies. Strong foundation in software engineering principles, cloud technologies, and natural language processing. Actively seeking Software Developer, Mobile App Developer Intern opportunities.

Education

VIT Bhopal University   Bhopal, Madhya Pradesh
BTech   Expected May 2027
Major in Computer Science
Cumulative GPA: 8.2/10

12th Standard
DAV Public School   Haldia, West Bengal
CBSE   Percentage: 84%   Apr 2023

10th Standard
DAV Public School   Haldia, West Bengal
CBSE   Percentage: 91%   Apr 2021

Technical Skills

Frontend: ReactJS, Next.js , Flutter , UI/UX Design
Backend: Node.js , Express.js, REST APIs, Firebase, Supabase
Databases: MongoDB, MySQL, PostgreSQL
AI/ML: Lang Chain, LLMs (Gemini API, Hugging Face), Natural Language Processing (NLP), Scikit-learn
Languages: C++, Java, C, Python
Tools & Platforms: Git, Docker, VS Code, Postman, Figma, Google Cloud Platform (Firebase), Linux/Unix environments
Concepts: Data Structures, Algorithms, Object-Oriented Design, Software Development Lifecycle, CI/CD Pipelines, UI/UX Design Principles

Experience

Mentor @ GSSoc   May 2024- June 2024
- Promoted awareness about **open-source contribution** and its ecosystem among early-stage developers.
- Mentored and guided newcomers in understanding version control, project collaboration, and effective open-source practices alongside project administrators.

Cofounder @Bleesie   May 2024-
Dec 2024
- Co-founded **Bleesie**, a mental health startup offering AI-powered support systems through mobile applications.
- Built a mental wellness mobile app featuring lessons curated by experts, consultation interfaces, and an AI chatbot (powered by a fine-tuned Gemini model and Hugging Face models) simulating supportive conversations.
- Integrated daily journal tracking and AI-driven mood analysis features to provide personalized emotional insights.
- Collaborated with doctors from NIMHANS to validate and refine content for authenticity and reliability.
- Successfully developed MVP; company operations halted later due to lack of investment funding.

Developer @ OutLfy   Feb 2025 – March 2025
- Developed the **driver-side mobile application** for **Day Kart**, a quick-commerce logistics company, ensuring seamless integration of order pickups, route management, and delivery tracking.
- Focused on building **real-time location tracking**, **order assignment**, and **driver performance analytics** modules for operational efficiency.

Extracurricular

Google Developer Student Club   Oct 2024- Apr 2025
- Led the Android Development team and successfully built three major Android applications, contributing to the club's technical portfolio.
- Organized two large-scale events and a technical bootcamp with 200+ attendees each, promoting skills in Flutter development and Artificial Intelligence (AI) among participants.
- Spearheaded community engagement initiatives, boosting technical awareness and participation within the university's developer ecosystem.

National Service Scheme   Jul 2024 – Jul 2025
- Conducted survey and quantitative analysis to understand Villager's issues. 3 camps conducted with 200+ students and 3 village participation.
- Participated in a record-setting Plantation Drive, contributing to the planting of 10,000 trees within six hours.

Blockchain Club   Apr 2024 – Apr 2025
- Organized four educational events promoting Blockchain technology and Digital Security awareness among students.
- Designed and developed the club's official website and built an Attendance Management Software used during club events.

Omdena Community   Oct 2024 – Dec 2024
- Collaborated in a global AI team to develop an AI-powered chatbot for the Bhopal Transport System, enhancing commuter interaction and real-time information accessibility.
- Applied Natural Language Processing (NLP) techniques to train the chatbot for efficient handling of public transportation queries.

ACHIVEMENTS
- Recognized among the Top 10 Mentors at GirlScript Summer of Code (GSSoc) for outstanding mentorship.
- Achieved Top Contributing Team status at Devfest and HackSquad events through consistent technical contributions
- Winner of the MP Police Hackathon, developing a security-focused Android application under rapid development timelines.