Akshya Kumar Sahoo

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SUMMARY

Final-year B.Tech (CSE) student at ITER, Bhubaneswar with strong foundations in programming and cybersecurity. Hands-on experience in software development, networking, and information security. Adept at problem-solving, quick learning, and collaborating effectively in team environments.

EDUCATION

2022 – 2026	B.Tech (CSE), **ITER, S'O'A University, Bhubaneswar**	CGPA: 8.1/10
2020 – 2022	Class 12, **Adyant Higher Secondary School, Bhubaneswar**	80.83%
2018 – 2020	Class 10, **Saraswati Sishu Vidya Mandir, Nayagarh**	82.33%

TECHNICAL & SOFT SKILLS

Languages	Python, Java, C++
Tools/OS	Cisco Packet Tracer, Kali Linux, Visual Studio, Git
Databases	SQL
Coursework	CN, OOPS, DBMS, OS, DSA
Soft Skills	Leadership, Project Management, Communication, Adaptability

PROJECTS

Crypt-Exchange   Python, Streamlit, SQLite, API Integration
– Built a cryptocurrency exchange simulator with user login, fiat deposits/withdrawals, and portfolio management.
– Integrated CoinGecko API to fetch real-time prices and provide buy recommendations.
– Implemented SQLite persistence and a Streamlit UI for seamless trading simulation.

Blockchain Health Insurance DApp   Solidity, Ethereum, React, Ethers.js, MetaMask, IPFS
– Developed a decentralized health insurance platform to automate policy management and claim settlement using Ethereum smart contracts.
– Implemented fraud prevention through eligibility verification, duplicate claim detection, and immutable blockchain record storage.
– Integrated MetaMask wallet and IPFS-based off-chain storage for secure authentication and efficient handling of medical documents.

CERTIFICATIONS

– EY-GDS CyberSecurity (Completed)
– Introduction to Cyber Security (Simplilearn) (Completed)
– Generative AI Fundamentals (Google) (Completed)
– AWS Academy Graduate - Cloud Foundations (Completed)

EXTRA-CURRICULAR ACTIVITIES

– Cricket — Badminton — Trekking — Carrom
– Participated in Jaggo and multiple club activities

SEMINARS & WORKSHOPS

– Nirman 4.0 Hackathon - Silicon University
– International Conference on Advancement in AIML for Cyber Security