Akshay Sahu

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Education

Rungta International Skills University   2025 – 2029
B.Tech in Computer Science (AIML) — In association with Google

Holy Cross Sr. Sec. School (CBSE)   2024
Senior Secondary Education

Experience

Cardano Hackathon Asia 2025 – Finalist
Built MasumiGuard, an AI + Blockchain compliance system with anomaly detection, automated risk scoring, and tamper-proof validation.

Smart India Hackathon (SIH)
Contributed to national-level innovation challenge focusing on architecture and rapid prototype implementation.

Google Study Jam – Tier 1 Recognition
Completed advanced cloud and AI learning pathways with hands-on deployment exposure.

Campus Ambassador – Perplexity
Promoted AI adoption within student community through engagement initiatives.

IIT Roorkee E-Summit
Participated in entrepreneurship summit engaging with startup ecosystem leaders.

100 Days of Code (Ongoing)
Daily coding focused on DSA, AI systems, and scalable cloud architectures.

Technical Projects

ConceptForgeAI | AWS, Bedrock, DynamoDB, API Gateway
Built serverless AI platform generating uniqueness and commercial readiness scores for startup ideas; deployed via CloudFront.

Content_to_scope | React, AWS Serverless, OpenAI API
Engineered AI-driven content optimization system integrating LLM-based suggestions.

MasumiGuard | Python, AI Models, Blockchain
Designed anomaly detection engine for wallet transaction monitoring with blockchain-based integrity assurance.

InternNova | HTML, CSS, JavaScript
Developed responsive internship discovery frontend platform with optimized UI/UX.

Technical Skills

Languages: Python, JavaScript, Java, C, SQL
Web: HTML5, CSS3, React, Node.js, REST APIs
Cloud: AWS (Lambda, DynamoDB, S3, CloudFront), Google Cloud Platform
AI & Dev Tools: Stitch, Antigravity, Kiro, GitHub Copilot, ChatGPT, Claude, Perplexity, Cursor
Core Areas: AI/ML, Data Structures & Algorithms, Cloud Architecture, Blockchain Security