

DRISHAN GUPTA

AWS Cloud Captain | 3x AWS Certified

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WORK EXPERIENCE

PayBefikar	Automation and Backend Engineer	July 2024 – August 2024
	<ul style="list-style-type: none">Automated the bill fetch/verify via Bharat Bill Payment System API reducing the processing time by 90%.Built Django-based admin dashboard with role-based access control (4 permission tiers), enabling multiple administrators to manage billing operations with granular security controls.Designed CI/CD pipelines using GitHub Actions, achieving zero-downtime deployments.	
LinuxWorld Informatics Pvt Ltd	Software Development Intern	July 2023 - August 2023
	<ul style="list-style-type: none">Built AI-powered automation platform with OpenAI API, AWS EC2 provisioning (Boto3) & OpenCV, serving 50+ internal operations.Delivered end-to-end solution combining NLP, cloud automation, and CV capabilities in 6-week timeline.	

EDUCATION AND LEADERSHIP

Poornima College of Engineering	Jaipur, Rajasthan	September 2023 – 2027
B.Tech in Computer Science and Engineering		
<ul style="list-style-type: none">AWS Cloud Captain (Official AWS Program) Founder & Captain, AWS Cloud Club (Community): Selected by AWS as Cloud Captain, representing AWS in educational initiatives across Rajasthan. Organized 20+ hands-on workshops on AWS services, cloud architecture, and DevOps, engaging 1,100+ students.Co-Organized Hack-IT-Sapiens Managed logistics and technical sessions on AWS/AI for Rajasthan's premier college hackathon, attracting 140 teams and 2500+ registrations.		

PROJECTS (PORTFOLIO)

FindAThon-Prime	September 2025 - October 2025
Agentic AI Platform built on AWS, Bedrock	
<ul style="list-style-type: none">Built a production-grade multi-agent AI system that autonomously generates Python tools to discover and parse dynamic hackathon data from unseen sources in real time.Designed and deployed 35+ AWS resources via CloudFormation IaC including a 3-agent architecture using Bedrock (Sonnet/Haiku) on ECS Fargate and AWS Lambda, with event-driven workflows (API Gateway, SQS, EventBridge).Identified and bypassed a critical framework memory bug by engineering a custom persistent memory layer using DynamoDB + OpenSearch Serverless vector search, enabling reliable RAG and long-term context retention.	
Smart API Trading Platform	May 2025 - June 2025
A trading automation platform to trade without emotions involved	
<ul style="list-style-type: none">Architected Python trading client integrating Angel Broking REST APIs and WebSocket v2 for real-time market data, achieving <100ms latency for order executionDeveloped secure authentication system using TOTP-based 2FA, JWT refresh tokens for financial API security complianceImplemented fault-tolerant WebSocket connection with automatic retry logic and threading for parallel order processing and live feed monitoring	

CERTIFICATIONS

- AWS Certified Solutions Architect Associate
- AWS Certified AI Practitioner
- AWS Certified Developer Associate
- RedHat Certified System Administrator

TECHNICAL SKILLS

- Cloud & Infrastructure: AWS (Bedrock, ECS Fargate, Lambda, CloudFormation, OpenSearch, DynamoDB, API Gateway, SQS, EventBridge, VPC, IAM, ECR, S3)
- DevOps & Languages: Docker, Git, CI/CD (GitHub Actions), IaC | Python, C/C++, Java
- AI/ML: LangChain, LangGraph, Amazon Bedrock, RAG, PyTorch, TensorFlow, Pandas, NumPy
- Web: Django, Flask, FastAPI