

DRISHAN GUPTA

AWS Cloud Captain | 3x AWS Certified

Jaipur, India

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WORK EXPERIENCE

PayBefikar **Automation and Backend Engineer** **July 2024 – August 2024**

- 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**

- 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

- 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

- 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

- Architected Python trading client integrating Angel Broking REST APIs and WebSocket v2 for real-time market data, achieving <100ms latency for order execution
- Developed secure authentication system using TOTP-based 2FA, JWT refresh tokens for financial API security compliance
- Implemented 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 Developer Associate
- AWS Certified AI Practitioner
- 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