OM MAPARI 📞 +91 8788 520 952 ✉ devom230@gmail.com 🧠 Brain in LinkedIn GitHub 👤 Portfolio

PROFESSIONAL EXPERIENCE

Barclays | *DevOps & AWS Cloud Engineer*   **07/2023 - Present** | *Hybrid*

- Developed **DynamoDB and DocumentDB Backup and Restore** Solution for Disaster Recovery within RTO/RPO thresholds, presented in barclays design forum adopted Barclays-wide, ensuring 100% recovery compliance.
- Automated **1,500+ AWS CloudWatch alarms** creation within less than 1 min, improving system monitoring and alerting.
- Led **multi-region** deployment for Arrow Card using **ECS** microservices, improving High Availability and reducing latency for global traffic patterns.
- Built secure **CI/CD pipelines** using **GitLab and Jenkins**, integrated with Security scanning tools **SonarQube, Veracode**, and **Prisma** for vulnerability checks, reducing deployment failures by **30%**.
- Executed No-Downtime Deployments: Integrated **Blue-Green and Canary strategies** into the system, advised leadership, aligned cross-domain teams, and ensured uninterrupted user experience -earning Barclays-wide recognition.
- Reduced AWS operational cost by **40%** by creating **auto-discount tagging** and **EC2 auto-shutdown** during non-working hours.
- Created real-time **AWS Health & Arrow Card Journey Dashboards** for 10+ services using CloudWatch, logs, metrics, and alert
- Enhanced alert accuracy by **80%** by implementing alert **suppression & aggregation**, reducing false positives
- Automated **EC2 AMI refreshes** to keep patched, consistent images, improving security compliance and reducing
- Bootstrapped multiple AWS accounts with secure **VPC Networking, IAM Policy, and foundational infra**.
- Other automations: **ECR-Nexus sync, cloud Infra inventory** tracking, and **prod vs non-prod comparisons**.

Finarkein Analytics | *Backend Developer Intern*   **04/2023 - 06/2023** | *Hybrid*

- Built and updated **REST APIs** for the FIP side in the Account Aggregator ecosystem to enhance secure data sharing.
- Implemented **Kafka queues** for managing **consent-based data flow** between financial information provider and users.

TECHNICAL SKILLS

DevOps: terraform Infrastructure as Code, kubernetes, Jenkins, GitLab CI/CD, Docker, Nginx, Linux, GIT, Bitbucket, Observability, Incident Management, Postman
In-Depth AWS Knowledge: ECS Containerization, EC2, Lambda, Step Function, DynamoDB, DocumentDB, Auto Scaling, API Gateway, S3, Service Catalog, CloudFormation, VPC, IAM, X-Ray, CloudWatch, EventBridge
Languages: Python, JAVA, JavaScript, TypeScript, C, C++, Bash
AI: BedRock, Vector DBs, Workflow Automation, Prompt Eng, RAG, OpenAI API
Back-End: FastAPI, Node Js, Express Js, Spring Boot, MySQL, PostgreSQL, MongoDB
Front-End: HTML, CSS, JS ES6+, React Js, shadcn UI, tailwind css

CERTIFICATIONS

AWS: AWS Certified Solutions Architect – Associate (Scored **900/1000**)   **KodeKloud:** Docker Training Course
AWS: AWS Certified Solutions Architect – Professional   **KodeKloud:** Amazon Elastic Container Service (AWS ECS)
KodeKloud: Terraform Training Course

EDUCATION

Bachelor's Degree in Information Technology | *Pune Institute of Computer Technology (PICT PUNE)*   **GPA: 9** | *2019 - 2023*

ACHIEVEMENTS

- **1st Place** Reimagined: The Next Gen Hackathon Partnered with Microsoft Azure
- **2nd Place** GenAI Hack 2.0 Global Hackathon, Barclays (285 teams, 2,000+ participants, 12 locations)
- Kisan ki Awaaz made to Top 50 **Google Cloud Agentic AI Day** 2025 (57,000+ developers, 9,100+ ideas)
- Received Barclays BUK Tech India **Engineering Star Award** for DynamoDB Backup Restore Solution
- **1st Place** in AWS GenAI Gameday Event

PROJECTS

 OffersHub | ***Skillset:*** *OpenAI, React, Azure, TypeScript, Python, FastAPI, PostgreSQL, Docker, Tailwind, MCP*

- Purpose-built for financial services to build personalized offers that provide elevated customer experience.
- Enables seamless offer lifecycle management, empowering banks to deliver timely, targeted promotions.

 Shello CLI | ***Skillset:*** *Python, AI, Gemini, jqlang, rich, AWS CLI*

- AI-powered CLI companion that troubleshoots issues across **AWS, GCP, Azure, Docker, Linux, networking, and infrastructure** through natural conversation.

 Movie Recommender System | ***Skillset:*** *Python, pandas, NumPy, scikit-learn, Streamlit*   **Report, PPT**

- Implemented **content-based filtering** using **cosine similarity** and **vectorization** to recommend movies.