OM MAPARI   📞 +918788520952   ✉ devom230@gmail.com   🧠 My Brain   💼 LinkedIn   GitHub   👤 Portfolio

PROFESSIONAL EXPERIENCE

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

- Developed **DynamoDB and DocumentDB Backup and Restore** Solution for Disaster Recovery within RTO/RPO thresholds, presented in the Barclays Design Forum and adopted Barclays-wide, ensuring 100% recovery compliance.
- Automated **1,500+ AWS CloudWatch alarms** creation across 50+ microservices in under 1 minute, significantly improving monitoring coverage and system observability.
- Led **multi-region** deployment for Arrow Card using **ECS** microservices, improving availability and reducing global latency.
- 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%** over 6 months.
- Executed zero-downtime deployments using **Blue-Green and Canary strategies**; collaborated with leadership and cross-domain teams to ensure 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 alerts.
- Enhanced alert accuracy by **80%** by implementing alert **suppression and aggregation** techniques, reducing false positives.
- Automated **EC2 AMI refreshes** to keep patched, consistent images, improving security posture and compliance standards.
- Bootstrapped multiple AWS accounts with **secure foundational infrastructure**, including VPC networking, IAM policies.
- Platform automations: **ECR-Nexus sync, cloud Infra inventory** tracking, and **production vs non-production 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, IaC), Kubernetes, Docker, Jenkins, GitLab CI/CD, Linux, Nginx, Git, Bitbucket, Observability, DevSecOps, Incident Management
In-Depth AWS Knowledge: EC2, ECS, EKS, Lambda, DynamoDB, DocumentDB, S3, API Gateway, Auto Scaling, VPC, IAM, CloudFormation (IaC), CloudWatch, X-Ray, EventBridge, Step Functions
Languages: Python, Java, JavaScript, TypeScript, Bash, C, C++
AI: OpenAI API, RAG, Prompt Engineering, Vector Databases, Workflow Automation, Amazon Bedrock, MCP, A2A
Back-End: FastAPI, Node.js, Express.js, Spring Boot, PostgreSQL, MySQL, MongoDB, Postman
Front-End: React.js, HTML, CSS, JavaScript (ES6+), Tailwind CSS, shadcn/ui

CERTIFICATIONS

AWS: AWS Certified Solutions Architect – Associate (**900/1000**)   **KodeKloud:** Docker Training Course
AWS: AWS Certified Solutions Architect – Professional (**910/1000**)   **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 (1,500 participants, 200 teams, 10 locations)
- **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)
- **3rd Place** Hack a Difference Global Hackathon, Barclays
- Received Barclays BUK Tech India **Engineering Star Award** for DynamoDB Backup Restore Solution

PROJECTS

Shello CLI | **Release** 🔗 | *Skillset: Python, GenAI, context engineering, NLP, LLM, CLI, MCP, MLOps*

- AI-powered CLI companion that troubleshoots issues across AWS, GCP, Azure, Docker, Prometheus, Grafana, OpenTelemetry, and FinOps domains through natural conversation.

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

- AI-powered offer lifecycle management platform for financial services, enabling personalized promotions with approval workflows and customer engagement tracking.

Magic Youth | **Live** 🔗 | *Skillset: AI, React, TypeScript, JavaScript, Express JS, MongoDB, Docker, Tailwind*

- AI-powered youth mobilization and mentorship platform designed to strengthen Magic Bus's Childhood to Livelihood mission, from enrollment to training to internship placement and beyond.