

CAREER OBJECTIVE

Seeking a challenging role where I can effectively apply my technical and analytical skills in a progressive environment that values innovation, problem-solving, and continuous growth.

TECHNICAL SKILLS

Scripting Languages:	Bash, Python
CI/CD:	Jenkins,
Containerization:	Docker, Kubernetes, ECS, EKS
IaC:	Terraform, CloudFormation
Cloud:	AWS
Configuration Management:	Ansible
Monitoring and Logging:	Prometheus, Grafana, AWS CloudWatch
Databases:	MySQL, Amazon Aurora
Version Control:	Git, GitHub
Operating System:	Windows, Linux
Troubleshooting:	K8GPT
Package Management:	Helm Charts

PROJECT EXPERIENCE

DevOps | March 2025 –June 2025

Project Title: FinanceMe – DevOps Implementation

<https://github.com/shubham7903/FinanceMe-Banking-project>

- Responsibilities:
- Managed infrastructure as code using **Terraform**, achieving 95% infrastructure deployment **automation** and reducing provisioning time by 30%.
  - Designed and implemented **Jenkins**-based CI/CD **pipelines**, resulting in a 40% reduction in deployment time and 25% increase in code quality through automated testing and integration with **Docker**.
  - Containerized applications using **Docker** and orchestrated deployments with **Kubernetes**, improving **resource utilization by 50%** and ensuring **99.9% uptime**.
  - Implemented **Prometheus** and **Grafana** for monitoring and logging, reducing mean time to detect (**MTTD**) by **60%** and mean time to **resolve (MTTR) by 35%** through proactive issue identification.
  - Developed **Bash scripts** to automate tasks, reducing manual effort by 20% and improving deployment frequency by 30% through streamlined workflows.

Project 2: Title: InsureMe- Cloud Optimization & Security.

<https://github.com/shubham7903/InsureMe-insurance-project>

- Responsibilities:
- Utilized **Terraform** to manage cloud infrastructure, ensuring **99.99% uptime** and reducing infrastructure costs by 22% through optimized resource allocation.
  - Implemented **Jenkins**-based automated deployment **pipelines**, achieving a deployment frequency of 5 times a day and reducing deployment failure rate by 40%.
  - Ensured secure **containerization** of InsureMe applications using **Docker**, implementing vulnerability scanning and compliance checks, resulting in 0 high-severity vulnerabilities.
  - Set up **Prometheus** and **Grafana** for real-time monitoring, tracking 15 **key performance indicators (KPIs)** and enabling proactive issue resolution, resulting in a 25% reduction in customer-reported issues.
  - Designed and implemented **Kubernetes**-based **auto-scaling**, dynamically scaling infrastructure resources to meet changing demand, resulting in a 30% reduction in infrastructure costs during off-peak periods.

### Project 3: Title: **Medicure- Healthcare Compliance**

<https://github.com/shubham7903/Medicure-health-care>

#### Responsibilities:

- Used **Terraform** to create and manage infrastructure, ensuring it meets **HIPAA standards** and reducing audit prep time by 50%.
- Containerized the app using **Docker** and deployed it on **Kubernetes**, reducing deployment time by 40% and improving **app scalability by 25%**.
- Set up a centralized logging system to track app performance, reducing issue resolution time by 30%.
- Created a disaster recovery plan to ensure data safety, reducing data loss risk and recovery time by 60%.
- Developed automated tests using **Bash** and **Jenkins**, covering 85% of tests and reducing testing time by 50%, enabling faster releases.

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## TECHNICAL EXPERIENCE

### DevOps Intern | March 2025 – June 2025

High Catch Private Limited, Bengaluru

#### Responsibilities:

- Accelerated deployment frequency by 40% through development and optimization of **CI/CD pipelines** using **Jenkins** and **CI/CD**.
- Improved code collaboration and version control by leveraging **Git & GitHub** ensuring seamless team integration.
- Enhanced system monitoring and logging by implementing **Prometheus & Grafana** reducing mean time to detect **(MTTD) issues by 30%**.
- Streamlined containerization and orchestration using **Docker** and **Kubernetes**, resulting in a 25% reduction in resource utilization.
- Automated infrastructure provisioning using **Terraform**, reducing infrastructure deployment time by 50%.
- Fostered collaboration with development teams to ensure smooth application **deployment** and **integration**.

Environment: **Python, Jenkins, Docker, Kubernetes, Helm Charts, Terraform, AWS, Ansible, Prometheus & Grafana, K8gpt.**

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## EDUCATION

- **MCA** – Punjab Technical University, CGPA 7.93 (2024)
- **B.Sc. Mathematics** – Kalinga University, 66% (2021)
- **Intermediate (Science)** – Bihar State Board, 50% (2016)
- **SSC (secondary Education)**– CBSE, CGPA 8.0 (2014)

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## CERTIFICATION

- **DevOps Certification** – StarAgile.
- **DevOps Internship Certificate** – High Catch Pvt. Ltd.