

Prathamesh Omprakash Inde

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PROFESSIONAL SUMMARY

Cloud Platform & DevOps Engineer with 3+ years of experience building **scalable CI/CD automation pipelines**, optimizing **cloud-native infrastructure** across **AWS, GCP, and Azure**, and improving **developer experience** through automation and self-service tooling. Skilled in **Kubernetes, Docker, Terraform, Jenkins, GitHub Actions, and GitLab CI/CD**. Adept at implementing **reliable software delivery workflows, monitoring, and infrastructure-as-code** in distributed enterprise environments. Certified across multiple cloud platforms with a strong foundation in **security, observability, and automation engineering**.

WORK EXPERIENCE

Framework Engineer - Platform

Quantiphi 

01/2024 – present
Mumbai, India

- Designed and implemented scalable **CI/CD pipelines** using **GitHub Actions** and **GitLab CI**, delivering **zero-downtime deployments** and reducing release cycle times by **40%**.
- Automated **multi-cloud infrastructure provisioning** using **Terraform, Kubernetes**, and reusable IaC modules, reducing manual operational effort and improving developer efficiency.
- Built and optimized **containerized microservices** using **Docker, Helm, Kustomize**, and **Skaffold**, ensuring consistent and repeatable deployments across development, staging, and production environments.
- Developed, deployed, and optimized workloads on **GKE (Google Kubernetes Engine)** for **Insmed's GCP platform**, including autoscaling, secure namespace isolation, service mesh integration, and microservice routing.
- Configured and managed **GKE Services**, Ingress controllers, internal/external load balancing, and traffic-routing rules to support scalable and reliable application delivery.
- Implemented comprehensive **observability and monitoring** using **Prometheus, Grafana, Cloud Monitoring**, and **Cloud Logging**, enabling proactive incident response and improving system reliability and MTTR.
- Improved local-to-cluster development workflows with **Skaffold**, enabling automated build-test-deploy cycles and shortening development feedback loops.
- Collaborated with cross-functional engineering teams to standardize **IaC templates**, improving environment consistency, auditability, and deployment governance.
- Led cloud automation and modernization initiatives across **GCP (Insmed, Bayer Calantic)** and **AWS (PointClickCare)** using **Cloud Functions, AWS Lambda, API Gateway**, and **Cognito** to build secure, event-driven architectures.
- Strengthened platform security by integrating **SonarQube**, performing **Nessus vulnerability scans**, and implementing **role-based IAM** with least-privilege access across cloud resources.

Platform Engineer Intern

Quantiphi 

03/2023 – 12/2023

- Supported CI/CD workflow enhancements for cloud deployments across **AWS** and **GCP**, optimizing build pipelines and container lifecycle management.
- Built internal automation scripts using **Python** and **Node.js**, streamlining infrastructure validation and service monitoring.

Software Engineer Intern

Adva Health 

03/2022 – 03/2023

- Developed modern **front-end web applications** using **Angular, TypeScript**, and **RESTful APIs**, improving performance and user experience.
- Integrated automated testing (Jasmine/Karma) and CI/CD workflows for frontend releases, improving quality and reducing regression defects.

Software Developer Intern

Cancard Inc. 

03/2022 – 03/2023

- Deployed **serverless architectures** with **AWS Lambda, API Gateway**, and **DynamoDB** for high-availability e-commerce systems.

- Automated infrastructure scaling and monitoring with **CloudWatch**, **VPC configurations**, and **Auto Scaling Groups** for production-grade reliability.

UI/UX Designer & Front-End Developer

Ambitech Healthcare ↗

09/2021 – 03/2022

- Worked on front-end design and development using **HTML**, **CSS**, **JavaScript**, and **Bootstrap** for the Admin Panel Dashboard.
- Designed user interfaces for Android applications using **Figma**.

EDUCATION

Bachelor of Engineering

Pimpri Chinchwad College of Engineering

2019 – 2023

Grade:8.99

Pune, India

PROJECTS

Cloud-Resource-Logger: AWS Resource Management CLI Tool ↗

A Command-Line Interface (CLI) for efficient listing and management of AWS resources.

- Developed **Cloud-Resource-Logger**, a Node.js-based CLI tool for managing and listing AWS resources such as EC2 instances, S3 buckets, Lambda functions, DynamoDB tables, IAM users, RDS instances, ECS clusters, and EKS clusters.
- The tool facilitates interaction with AWS by securely prompting for credentials and displaying detailed information on various services. Key features include easy setup, clean environment management (start/stop commands), and comprehensive resource listing via modularized AWS service logic using the AWS SDK (v3).
- The CLI is ideal for developers and cloud engineers seeking streamlined AWS resource management.

Admin Portal ↗

Admin Portal Designed In Angular

- Developed a dynamic admin portal for an eStore using **Angular** with routing capabilities, delivering a comprehensive frontend solution for managing store operations. Implemented **Angular Material** to build a modern, responsive, and user-friendly UI, significantly enhancing the overall user experience.
- Integrated a charts library (e.g., Chart.js or ngx-charts) to enable data visualization and support data-driven decision-making for sales, inventory, and customer insights.
- Hosted the application on **AWS** by deploying static files to an S3 bucket and configuring a custom DNS using Route 53 for global accessibility.
- AWS Lambda** for serverless backend logic and **Amazon API Gateway** to expose RESTful APIs, enabling secure, scalable, and cost-efficient communication between the frontend and backend services.

Portfolio Website ↗

Personal Portfolio website

- Designed and developed a personal portfolio website from scratch using **HTML**, **CSS**, **JavaScript**, and **Bootstrap** to showcase professional skills and projects.
- Employed responsive web design principles to ensure optimal viewing and usability across various devices and screen sizes.
- Customized interactive elements and animations with JavaScript to create an engaging and user-friendly browsing experience.

CERTIFICATES

Snowflake SnowPro Core Certification ↗

Issue Date: 18 June 2024

Expiration Date: 18 June 2026

AWS Certified Cloud Practitioner ↗

Issue Date: 17 Nov 2024

Expiration Date: 17 Nov 2027

Google Cloud Certified Associate Cloud Engineer ↗

Issue Date: 19 May 2023

Expiration Date: 19 May 2026

Oracle Cloud Infrastructure 2023 Certified Foundations Associate ↗

Issue Date: 12 Nov 2023

Expiration Date: 12 Nov 2025

Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate ↗

Issue Date: 12 Nov 2023

Expiration Date: 12 Nov 2025

Microsoft Certified: Azure Fundamentals ↗

Issue Date: 11 Sep 2024

GitHub Foundations ↗

Issue Date: 18 Sep 2024

Expiration Date: 18 Sep 2027

TECHNICAL SKILLS

- **CI/CD & DevOps Tools:** Jenkins, GitLab CI/CD, GitHub Actions, Skaffold, ArgoCD, Terraform, Helm, Kustomize
- **Containers & Orchestration:** Docker, Kubernetes, GKE, EKS, Autopilot
- **Programming & Scripting:** JavaScript (ES6+), TypeScript, Python, Go, Bash
- **Frontend Technologies:** React, Next.js, Angular, HTML5, CSS3, Webpack, Vite, NPM
- **Cloud Platforms:** AWS (Lambda, EC2, S3, CloudFront, IAM), GCP (App Engine, Pub/Sub, Cloud Run), Azure
- **Monitoring & Observability:** Prometheus, Grafana, Cloud Logging, Stackdriver
- **Testing Tools:** Mocha, Vitest, Jest, Jasmine, Karma
- **Version Control:** Git, GitHub, GitLab, Bitbucket (advanced branching workflows)
- **Configuration Management:** Ansible, Puppet (basic)
- **Security & Compliance:** IAM, SonarQube, Nessus, Snyk

PUBLICATIONS

A Block-Chain Based Approach for Food Supply Chain Management

26/12/2022

IEEE

This review paper examines many elements of food supply chain management and how blockchain may be used in supply chain management.

ACTIVITIES

- Received Quantiphi Galactic- Consider it done award for H1 2025.
- Received a \$100 grant from La Trobe University for a blockchain project.
- Copyright on Online Food Delivery and comparison website. 
- Published Conference paper in ICCCNT IEEE Conference.