

# Dipankar Das

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## PROFESSIONAL SUMMARY

A results-driven DevOps Engineer with 2+ years of experience designing, automating, and managing resilient infrastructure for distributed systems. Passionate about building robust CI/CD pipelines and infrastructure-as-code solutions to support High Available & Scalable workloads. Proven ability to lead complex open-source projects, architect scalable cloud-agnostic tools, and optimize deployments.

## SKILLS SUMMARY

- **Languages:** Go, C, Python, Rust, Java, JavaScript, C++
- **Tools:** Kubernetes, Docker, MongoDB, MariaDB, NATS, Redis, Jenkins, Ansible, Terraform, Vault
- **Concepts:** Event-driven systems, CQRS, DDD, Event Sourcing (familiar)
- **Platforms:** AWS, Azure, Hetzner, GCP, Linux
- **Soft Skills:** Project Maintainer, Planning, Tech. Writing, Time Management and Automating things

## EXPERIENCE

- **rtCamp** Pune, India  
*DevOps Engineer* Jan 2024 - Present
  - **Github actions:** from custom runners to release pipelines, gher
  - **Nginx, HaProxy & OpenResty:** working with various configurations
  - **Docker rootless & Kubernetes:** AKS, GKE, Self-Managed cluster, GitOps, Terraform, WordPress, Frappe Deployment
  - **Fail2ban, CloudFlare:** configurations for banning using abuseip and cloudflare deny specific IPs
  - **Frappe, Python:** Developing a app for automating provisioning platform for WordPress, PHP, NGINX websites using Ansible and Pulumi
  - **Built and managed dash.easyengine.io:** WordPress Site Management platform.
  - **Client tasks:** Handled multiple client tasks involving custom GitHub Actions pipelines and Terraform modules.
- **Viamagus** Remote  
*DevMLSecOps Consultant POC (Freelance)* Feb 2025 - Apr 2025
  - **OWASP ZAP:** Designed and deployed as a proxy-based security testing solution. For their QA team
  - **Snyk:** Integrated Snyk into CI pipelines for vulnerability scanning.
  - **AI:** Optimized internal LLM-based projects: containerization, network/disk performance.
  - **Deploying OSS LLM Models:** Deployed vLLM and ollama with AWS Auto Scaling Groups and VPC PrivateLink infrastructure.
- **Viamagus** Remote  
*DevOps POC (Intern)* Feb 2023 - Sep 2023
  - **Automate Build and Publish for React-Native app on Android & iOS:** automate staging environment to build and deploy them to Android, iOS
  - **Snyk Integration in Jenkins Jobs:** Addition of snyk for vulnerability scan and send the report through emails
  - **Kubernetes to manage containers:** EKS, AKS, K8s Gateway API
- **Open Source** Remote  
*Self-Employed (Part-time) worked on Rust, Go, JavaScript, CI/CD Pipelines, Documentation* Feb 2022 - Present
  - **For Detailed view:** [Link to Detailed view](#)

## PROJECTS [DETAILED VIEW](#)

- **Ksctl - [Github Link](#)** Cloud Agnostic Kubernetes management tool  
*Founder & Lead Developer* Sep 2022 - Present
  - A Generic Kubernetes Management CLI tool for various cloud providers
  - Worked with NATS and event-driven patterns in internal tools.
  - Integrated with MongoDB, SQLite (Turso), Docker, and Kubernetes APIs.
  - Tech: Go, Kubernetes, AWS, Azure, Civo, GCP, Docker, Cosign, System Design
- **WAE - WASI App Experiment - [Link](#)** AI and WASM  
*Creator and Maintainer, Wattime, OpenAI, WASM* Jul 2024 - Aug 2024
  - Built a modular WebAssembly (WASI) app using multiple language runtimes for end-to-end automation.
  - Demonstrated multi-service orchestration with persistent local storage and cross-component comms.
  - was able to achieve multi language code base on single build system by using WASI@v2
  - Tech: Rust, WASM, Python, OpenAI, WattTime, GitHub API
- **Chat bot - [Link](#)** LLM and WASM  
*Creator & Maintainer, Transformer, WASM* Jun 2023 - Jul 2023
  - Create HTTP server using rust as a wasm module and have it to handle request for the text2text generator machine learning model running on huggingface
  - Tech: Rust, WASM, Python, FastAPI, HuggingFace

- All certificates and badges [certificates](#)

- ## EDUCATION

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KIIT University
Bhubaneswar, India

- ## LANGUAGES

- English - Native or bilingual proficiency

- ## VOLUNTEER EXPERIENCE

CNCF Green Reviews (Contributor)	Global
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- Aim to measure carbon footprint of CNCF projects
- Reviewed CNCF projects for sustainability and environmental impact.

- Worked on SCI scoring and Golang monitoring tooling.

- |                           | US | UK | Germany | France | Japan | China | India | Global |
|---------------------------|----|----|---------|--------|-------|-------|-------|--------|
| Kubesimplify (Ambassador) |    |    |         |        |       |       |       |        |

- *Simplify Cloud native concepts — created and maintained a project, tech. blogs*