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, Planing, Tech. Writing, Time Management and Automating things

EXPERIENCE

- **rtCamp** — Pune, India
  DevOps Engineer — *Jan 2024 - Present*
  - **Github actions**: from custom runners to release pipelines, ghcr
  - **Nginx, HaProxy & OpenResty**: working with various configurations
  - **Docker rootless & Kubernetes**: AKS, EKS, 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.

- **kubmin − ksctl** — Remote
  Founder & Principal Engineer — *Jun 2025 – Present*
  - **Multi-Cloud Kubernetes Control Plane**: Architected Go-based RESTful API with distributed SQLite (Turso), Redis caching, and NATS messaging, enabling cluster lifecycle management across AWS, Azure, and GCP.
  - **Asynchronous Task Processing**: Built event-driven worker system with NATS messaging for long-running cluster operations, improving API responsiveness and enabling horizontal scalability.
  - **Enterprise RBAC & Quota System**: Implemented role-based access control with Authzed and multi-tenant quota enforcement for workload management across organization hierarchies.
  - **Full-Stack Platform**: Developed Next.js (App Router) SaaS frontend with TypeScript, Tailwind CSS, and shadcn/ui, featuring real-time monitoring and developer-centric UI.
  - **Website**: [Link to Detailed view](#)

- **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.

- **Open Source Contributions** — 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](#)

- **KsctlCli - [Github Link](#)** — Cloud Agnostic Kubernetes management tool
  Founder & Lead Developer — *Sep 2022 - Sep 2025*
  - 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

CERTIFICATES

- All certificates and badges [certificates](#)

EDUCATION

- **KIIT University** Bhubaneswar, India
  Bachelor of Technology in Computer Science; GPA: 9.17 *Aug 2020 - Jun 2024*

LANGUAGES

- English - Native or bilingual proficiency

VOLUNTEER EXPERIENCE

- **CNCF Green Reviews (Contributor)** Global
  Aim to measure carbon footprint of CNCF projects
  - Reviewed CNCF projects for sustainability and environmental impact.
  - Worked on SCI scoring and Golang monitoring tooling.

- **Kubesimplify (Ambassador)** Global
  Simplify Cloud native concepts — created and maintained a project, tech. blogs