

Sayak Mukhopadhyay

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Profile

Been the primary architect of building up the infrastructure of a PaaS platform, performing **platform engineering roles for over 6 years**.

- Performed **DevOps** activities by setting up **CI/CD** infrastructure using **GitHub Actions** and **ArgoCD**
- Proficient in container technologies like **Docker** and the creation and execution of Dockerfiles
- Skilled in **Agile** and **Software Development Lifecycle (SDLC)** methodologies and have regularly performed requirement gathering & analysis, documentation, wireframes, and maintenance of applications
- Regular **contributor to Open Source Software**.

Software Developer with over 10 **years of experience in multiple technologies**, having excellent experience in developing highly scalable cloud-native applications. Also experienced in managing and setting up multiple Kubernetes clusters.

- Successfully developed multiple **full-stack applications** in a variety of technologies, for **over 5 years**, most notably using **Java Spring Boot, NodeJS** and **VueJS**
- Developed services in languages like **Go** and **Python** and also experienced in **Linux System Administration**
- **Led multiple product teams** to deliver tailored applications that consistently cater to customer needs
- Developed multiple internal tools to increase team productivity
- Proficient in both **SQL** and **NoSQL** technologies like **PostgreSQL, MariaDB, MongoDB** and **Redis**
- Highly skilled in debugging, improving and fixing existing software



Work experience

04/2025 – present
Gurugram, India

Technology Solutions Lead Gemini Solutions

- Platform engineering on container security tools
- Migration of legacy shell script-based tooling to cloud native applications
- Modernising a cloud-native software security tool

04/2019 – 04/2025
Kolkata, India

Director of Platform Engineering Beez Innovation Labs

- Responsible for **designing, implementing** and **maintaining** the cloud landscape at BeezLabs which involves running a **highly available PaaS product**
- **Setup Kubernetes clusters** for **internal** and **production** purposes and developed operators in Go
- Developed **tools** and **applications** for internal use
- Setup **CI/CD** infrastructure which ensures that all code is properly reviewed and tested before it gets automatically deployed
- Responsible for managing internal **Azure** tenants for organisational use
- Performed **Linux administration** on servers for internal use
- Also, **lead teams** for customer-specific use-cases

07/2015 – 04/2019
Chennai, India

Senior System Engineer Infosys

- Part of Service Excellence Office which proactively engaged with customers in order to optimise and improve existing services and plug gaps in their workflows
- Developed applications, services, and dashboards to bridge existing inefficiencies in customer workflows
- Worked on UI5, a Javascript based frontend framework for developing web application which integrate seamlessly with SAP products



Skills

- PROGRAMMING LANGUAGES

Java

Javascript

Go

Python

- SOFTWARE FRAMEWORKS

Spring Boot

NodeJs

Angular

React

- PLATFORMS

Kubernetes

GitOps

Git

Microsoft Azure

DevOps

Docker Products

Linux

- DATABASES

PostgreSQL

MongoDB

Redis



Strengths

Responsible

Adaptable

Motivated

Collaborating effectively



Languages

English

Hindi

Bengali



Education

2011 – 2015
Haldia, India

Mechanical Engineering | Bachelor of Technology (B.Tech.) **Haldia Institute Of Technology**

- Graduated with a **CGPA of 8.5**
- Participated in robotics and white hat hacking workshops
- Participated in Baja SAEINDIA and Formula India 2015

2004 – 2011

High School **D.A.V Model School, Kharagpur**

- Passed the 12th standard exams with 87.8%
- Participated in Science and Cyber Olympiads from class 5 through class 12 continuously securing a best of rank 12 All India



Awards

12/2025

Kubernetes Contributor Award - Contributor Experience **Kubernetes**

<https://www.kubernetes.dev/community/awards/2025/#contributor-experience>
For driving the long-overdue Hugo/Docsy upgrade on the Kubernetes contributor site and fixing local website previews to improve the contributor workflow.

12/2025

Kubernetes Contributor Award - Docs **Kubernetes**

<https://www.kubernetes.dev/community/awards/2025/#docs>
For the excellent work in aligning the Kubernetes website with upstream Docsy, which has required continuous refactors and upgrades.