

Hitesh Kumar Pattanayak

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OVERVIEW

Results-driven backend engineer with over 9 years of experience in developing, maintaining, and architecting applications across diverse languages, frameworks, and tech stacks. A self-motivated professional with a strong commitment to continuous learning and growth, I am eager to leverage my expertise in a team lead role to drive innovation and enhance team performance.

KEY COMPETENCIES

Programming Languages:

Golang, Python, C#

Cloud Platforms: AWS

Container Technology:

Kubernetes, EKSA Baremetal, Docker.

Databases: PostgreSQL, Redis

Tools & Frameworks:

gRPC, Postman, REST, Git, GitHub

Actions

PROFESSIONAL EXPERIENCE

InfraCloud

Aug 2022 - Present

Senior Product Engineer

Project1: Cluster Provisioning with EKSA Integration

Gist: Developed APIs/CLI for provisioning K8s clusters on bare metal using EKSA (AWS EKS Anywhere). Key functionalities included cluster provisioning, deletion, rollback, backup/restore, scaling, and upgrading nodes.

Tech Stack: Golang, PostgreSQL, Kubernetes, Docker, EKS-A, gRPC, REST.

Project2: CLI Tool for Microsoft Data Backup

Gist: Developed a CLI tool to backup and restore data from Microsoft Exchange, SharePoint, OneDrive, and Teams, integrated into a SaaS platform.

Tech Stack: Golang, AWS, Git & GithubActions.

Thoughtworks

Oct 2021 - Jul 2022

Senior Consultant

Project: Trading and Pricing System

Gist: Created a microservices-based backend platform for crypto asset trading, exposing APIs for pricing and historical stats.

Tech Stack: Golang, PostgreSQL, TimescaleDB, Kafka, Kubernetes, Docker, Datadog, gRPC, REST.

Sureify

Dec 2020 - Sept 2021

Senior Software Developer

Project: No-Code/Low-Code Platform

Gist: Developed a web-based platform enabling users to create applications using drag-and-drop components.

Tech Stack: Golang, GraphQL, MySQL, Redis, RabbitMQ, Kubernetes, React.

Cognizant

Senior Software Developer

Project: RPA Framework Automation

Gist: Automated redundant processes for a banking client using Python, Selenium, and C#.

Tech Stack: Python, Selenium, C#, PostgreSQL, RabbitMQ, Docker, React.

• Feb 2019 - Dec 2020

Infosys

Senior Software Developer

Project: RICOH and GAP

Gist: Developed web pages as part of a monolithic application using ASP.NET MVC and C#.

Tech Stack: C#, SQL Server, IIS, ASP.NET MVC.

Oct 2015 - Jan 2019

EDUCATION & CERTIFICATIONS

Bachelor in Technology

March 2015

Stream: Electrical & Electronics Engineering

College/University: Gandhi Institute for Technological Advancement (GITA), Biju Patnaik University of Technology (BPUT)

Location: Bhubaneswar, Odisha

Certified Kubernetes Application Developer (CKAD)

Aug 2023

By: Linux Foundation

[Certificate](#)

HONORS

AWS Community Builder

[View Profile](#)

Value Ambassador Award

Infracloud, March 2023

[View Award](#)

Hackathon Winner

Sureify, for creating a chatbot using Python, RASA framework, and ML

[View Presentation](#)

Star of the Month

Backend Team, Sureify, August 2021

OPEN SOURCE CONTRIBUTIONS

AWS EKS Anywhere

[View Commits](#)

Corso

[View Commits](#)

TALKS

Microservice Communication using gRPC

[View LinkedIn Post](#)

gRPC Load Balancing at GopherCon 2023

[Watch Video](#)

BLOGS

[Understanding gRPC Concepts, Use Cases & Best Practices](#)

[gRPC Dynamic Loadbalancing](#)

[Ticket Management System Design](#)

[Network Policy in Kubernetes](#)

[Taints, Tolerations and Node Affinity in Kubernetes](#)

PUBLICATIONS

Book: Modern API Design with gRPC

[View Book](#)