

Pradyuman

📞 +91-8219748551 ✉ meetupradyuman@gmail.com 🔗 linkedin.com/in/ppradyu 🐙 github.com/legendary-acp

Education

National Institute of Technology(NIT), Hamirpur

2017 - 2021

Bachelor of Technology in Computer Science

Hamirpur, HP

- **Relevant Coursework:** Data Structure & Algorithms, OOPs, Operating System, Database Management Systems, Software Engineering

Experience

CtrlB

April 2024 – Present

Senior Software Engineer

Bengaluru, Karnataka

- Led end-to-end development of Traces and Metrics feature for the platform
- Led initiatives to enhance platform frontend for improved user experience
- Designed and developed custom OTEL collector exporter to store traces and metrics in SQL database
- Authored and curated high-quality blog content for the company website

Middleware

Sept 2023 – Feb 2024

Senior Software Engineer

Ahmedabad, Gujarat

- Enhanced the Kubernetes monitoring agent architecture and crafted Helm charts to seamlessly integrate with a novel deployment strategy
- Engineered and meticulously upheld three product integrations, specifically centered around Clickhouse, Redpanda, and Cassandra.
- Implemented a GitHub workflow to automate the efficient creation and hosting of RPM packages as a remote Yum repository for our agent.

Gap Inc.

June 2021 - Sept 2023

Software Engineer

Hyderabad, Telangana

- Led POC for OpenTelemetry in AKS (Kubernetes) for collecting metrics, traces and logs from different sources.
- Migrated Naemon from RHEL to OEL, saving 24k Dollar per year.
- Ensuring that the team's owned tools remain up-to-date with security patch updates through the maintenance of Chef cookbooks

Projects

Restaurant Management System (Backend) | Golang, MongoDB

Personal Project

- Designed and implemented the backend of a feature-rich restaurant management system using Golang and MongoDB, ensuring seamless data storage, retrieval, and manipulation.
- Integrated a robust authentication mechanism to enhance system security, allowing only authorized access to sensitive restaurant data.

Kubernetes Monitoring Agent | Golang, Kubernetes, Helm

Middleware

- Seamlessly integrated the monitoring agent with new features and integrations introduced through the backend, demonstrating adaptability and collaborative development skills.
- Implemented a Helm chart to streamline the deployment process of the Kubernetes monitoring agent, providing a scalable and maintainable solution for managing deployments across various environments.
- Collaborated closely with the backend development team to ensure smooth integration of new features into the Kubernetes monitoring agent.

Technical Skills

Languages: Go, Python, C/C++, HTML/CSS, Bash.

Technologies: Kubernetes, Helm, Docker, Azure, AWS, Chef(IaC), Linux, Git, Github Actions, MongoDB, Splunk, Flask, OpenTelemetry, Clickhouse.

Concepts: Data Structure and Algorithm, Operating System, Cloud Computing, API, Observability, Agile Methodology.