

Siddhiprada Mahapatro

Kotpad, OD · siddhipradamahapatro120503@gmail.com · +91-7077954311 ·
<https://github.com/Siddhipradamahapatro120503>

Skills

Programming Languages:	Python, Go, C, Java, Rust
Containers:	Docker
Orchestration:	Kubernetes
CI/CD:	Github Actions, Jenkins, ArgoCD
Frameworks and Web Technologies:	Django, Flask, Ngnix
AI	TensorFlow, Pytorch, Yolo and IOT
Automation:	Python, Shell Scripting (Bash)
Infrastructure as Code:	Terraform, Ansible
Cloud	AWS, GCP and Oracle
Systems Administration:	Linux
Monitoring:	Grafana, Prometheus
Databases:	MySQL, PostgreSQL
Interpersonal Skills:	Public Speaking, Attention Economy, Online Content Creation (Blogging, Youtube Talks...)

Experience and Volunteering

Co-organizer Cloud Native Computing Foundation Jalandhar Agu, 2023 - Present

- Made onboarding of other members to CNCF Jalandhar easier by providing resources and assisting them on Slack..
- Created content and delivered a talk at the "Info Session" on the topic "Deploying Applications using Docker in Cloud instances.
- Explored Operators in Kubernetes and CNCF landscape.

Random Tinkering - My Personal
Blog

Technical Blogger

- I write blogs about DevOps and other Cloud Native Technologies while I am constantly learning about them. My Aim is to learn in public while lowering the entry barrier for new learners.
- blog.siddhi03.tech

Arcade event- Google Cloud

- Here, I learn about Google Cloud Technology and build projects like Implementing DevOps in Google Cloud, Building Websites on Google Cloud, and Cloud Architecture: Design, Implementation, and Management.
- https://www.cloudskillsboost.google/public_profiles/f8a2f62e-46cb-4a1b-91c1-24a6013d3ee6

Smart India Hackathon

- Here we Focused on Design of Glass cleaning Robo Using Fusion 360 from Autodesk With IOT functionality

Projects

Selenify: AI-Enhanced Legal Resource App with Community Support

Feb 2024 - Mar 2024

Technologies: Google Cloud, Google Gemini API, Nodejs , React , Nginx, Firebase and Postman

Achievements:

- Developed Selenify, a legal app, using Google Cloud, Node.js, React, and Nginx.
- Integrated Google Gemini API for advanced legal searches, enhancing user experience.
- Deployed scalable infrastructure on Google Cloud, ensuring smooth app performance.
- Conducted thorough testing with Postman and Firebase, ensuring app reliability.
- Received positive user feedback for the app's user-friendly interface and accurate legal

30 days Automation Linkdlen Posts

Feb 2024 Feb 2024

Technologies: Python, OpenAI GPT, OpenAI Dalle2, Seleliuem and Git&GitHub

Achievements:

- Developed a 30-day LinkedIn post automation project using Python and Selenium.
- Integrated AI technologies (OpenAI GPT, OpenAI DALL-E 2) for content generation.
- Collaborated efficiently with Git and GitHub for project management.

Verification app using One time password (OTP)

NOV 2023 - Dec 2023

Technologies: Twilio-api and golang

Achievements:

- Engineered a secure OTP verification system in Golang using Twilio API within two months.
- Designed and deployed seamless OTP generation and validation processes, ensuring reliable user verification.
- Collaborated with stakeholders to deliver a solution meeting user needs and business objectives.
- Achieved high reliability and performance in verifying user identities.
- Received positive feedback for enhancing application effectiveness, security, and user experience

Hadoop Distributed File System

DEC 2023 - JAN 2024

Technologies : Java, Hadoop , HDFS , MapReduce and YARN

Achievements:

- Implemented HDFS solution within project timelines, enhancing data storage efficiency.
- Designed scalable infrastructure for large data volumes, optimizing workflows for reliability.
- Successfully managed and maintained HDFS cluster, ensuring data integrity and availability.
- Received positive feedback for improving data processing capabilities and productivity.

Three-tier architecture Application

DEC 2023 - JAN 2024

Technologies : MERN Application, Docker, Kubernetes, Prometheus, Grafana and CI/CD tools

Achievements:

- Designed and deployed a 3-tier application using Docker and Kubernetes for scalability and resource efficiency.
- Implemented Prometheus and Grafana for monitoring, improving system reliability by 30%.
- Automated deployment pipelines, cutting deployment time by 40% and increasing release frequency.
- Optimized container orchestration with Kubernetes for better load balancing and fault tolerance.
- Reduced downtime by 25% through proactive monitoring and alerting.

Education

Lovely Professional university
B.Tech Computer Science and
Engineering

Jalandhar, PB
JUN, 2022 – Present

Nettur Technical Training Foundation
Diploma in Mechatronics

Berhampur, OD
AGU,2019 -JUN 2022