

SURYAKANTA SUBUDHI

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OBJECTIVE

Backend and AI Engineer experienced in building highly performant systems, distributed computing, and agentic AI, seeking Backend, Distributed Systems, and AI Engineering roles.

EDUCATION

Bachelor of Technology, Electronics and Communication Engineering 2023 - Present

Indira Gandhi Institute of Technology, Sarang

Activities: Captain of the college volleyball team, Leader of the college entrepreneurship club.

Nights & Weekends s5, Buildspace

2024

Focus: Advanced Databases, System Design, and Distributed Systems.

SKILLS

Languages & Frameworks

Go, Python, TypeScript, React, Next.js, Node.js, SQL, JavaScript

Databases & Cloud

PostgreSQL, Redis, AWS, GCP, Cloudflare Workers/R2, Convex, Turso

Tools & DevOps

Docker, Kubernetes, Git, CI/CD, MLOps, Trigger.dev, Sentry

EXPERIENCE

AI & Backend Engineer

May 2026 - Present

Uniksquare

Remote, India

- Built **internal products** and delivered **5+ client projects** end-to-end, improving delivery velocity by **30%**.
- Embedded **GenAI capabilities** into active platforms, driving a **40% increase** in platform user engagement.
- Streamlined **backend architecture**, CI/CD, and MLOps workflows, reducing pipeline execution latency by **50%**.

Student Ambassador & Member

Jun 2024 - Present

Idea, Innovation & Entrepreneurship Cell (IIEC), IGIT Sarang

Sarang, Odisha, India

- **Represented the IIEC** at IGIT Sarang, promoting a culture of **innovation and entrepreneurship** to **2000+ students**.
- **Organized 10+ camps**, workshops, and startup bootcamps, driving **campus-wide startup engagement**.
- **Facilitated 5+ hackathons** and ideathons to drive **student engagement** in tech and innovation.

PROJECTS

BlueMachine. A CLI-first, agent-native ephemeral sandbox platform for AI/ML engineers. Orchestrates multi-GPU/CPU resources on GKE and Bare Metal with low latency using Cloudflare Workers. ([Link](#))

Orange. A multi-agent trading analysis platform built with academic guidance from Tauric Research. Employs autonomous AI agents to evaluate market conditions and synthesize real-time data. ([Link](#))

Rhea. An autonomous AI DevOps engineer designed to automatically diagnose and resolve CI/CD and deployment failures. Integrates with E2B and BlueMachine environments for safe, isolated testing. ([Link](#))

EXTRA-CURRICULAR ACTIVITIES

- **Volleyball:** Captain of the college volleyball team at IGIT Sarang; represented school at the State level in volleyball tournaments.
- **Astronomy:** Participated in SETI Extra-terrestrial Research using Goldstone Apple Valley Radio Telescope Remotely