

Aditya Hota

Bhubaneswar, Odisha, India

Phone: (+91) 8926046473 | Email: adityahota99@gmail.com | GitHub: github.com/theogaditya

LinkedIn: linkedin.com/in/aditya-hota-6b1167276 | Portfolio: portfolio.avenis999.online

EXPERIENCE

Summer Intern

May 2025 – June 2025

Batoi Systems, Bhubaneswar

- Contributed to productionizing a hackathon-winning prototype during a 6-week internship with the Batoi team.
- Integrated Batoi Insight workflows into the platform, including survey configuration, report generation, and response management optimization.

SKILLS

Languages: TypeScript, JavaScript, Python

Backend: Node.js, Express.js, WebSockets, Redis, LangChain, Vitest

DevOps: Docker, Kubernetes, Helm, Terraform, AWS, GCP, CI/CD (GitHub Actions)

Database & Tools: PostgreSQL, Prisma ORM, Git, Linux

Frontend: HTML, CSS, React, Next.js, Tailwind CSS

ACHIEVEMENTS

- Published an Indian Patent (No. 202631019043) for *An Offline First, AI Enabled System for Decentralized Issue Reporting, Automated Routing, and Immutable Resolution Tracking*.
- Co-authored a research paper on *Connection Aware Autoscaling for Stateful Workloads in Kubernetes*, currently under review.
- Winner at hackathons: Code Relay 2026 (IIT BBSR) and Srusti Tech Hack 2025.
- Grand Finalist at hackathons: Smart India Hackathon 2025 (Govt of India) and Code Relay 2025 (IIT BBSR).
- Project Lead, Web Development at Google Developer Groups (GDG), C.V. Raman Global University. Leading web development initiatives and conducting hands on technical workshops (October 2025 – Present).

EDUCATION

C. V. Raman Global University, Bhubaneswar, Odisha, India

July 2023 – July 2027

B.Tech, Computer Science and Engineering

CGPA: 8.33

PROJECTS

Swaraj Desk: Intelligent Civic Operations Platform | GitHub

- Built a multi-client civic platform with offline-first sync, geo-tagging, real-time community feed, 20+ language support, and four-tier RBAC. Delivered role scoped dashboards, workload balanced auto-assignment, heatmaps, SLA tracking, and cross-department escalation workflows.
- Built distributed and automated pipeline using Redis queues, WebSockets, atomic DB transactions, optimistic updates, service workers and SLA cron jobs.
- Integrated AI agents using LangGraph ReAct with bilingual voice and text interaction, enabling full platform navigation, automated complaint drafting, multilingual language moderation, smart deduplication, intelligent routing and categorization, quality scoring, and AI-generated governance reports for complaints and surveys.
- Deployed containerized microservices on Kubernetes with Ingress-based routing, Trivy scanning, GitHub Actions CI/CD, and Grafana Loki observability.

BlinkPay: Wallet & Payments Platform | GitHub

- Built and deployed a containerized digital wallet and payments platform with secure peer-to-peer transfers, simulated on-ramp/off-ramp flows, OAuth-based authentication, webhook verification, retry handling.
- Engineered backend services for token-based fund movement, balance management, transaction state tracking with CI/CD automation and a Turborepo monorepo architecture on GCP Cloud Run.

PixalPlot: AI Powered Application Generation Platform | GitHub

- Built an AI powered browser based development environment with WebContainers, enabling users to generate and live preview full stack applications from natural language prompts.
- Engineered structured execution workflows with approval gated actions, real time terminal streaming, iterative application refinement, and GitHub synchronization directly within the browser.
- Implemented AI driven repair loops for automated runtime failure detection, intelligent patch generation, and autonomous rebuild workflows, with containerized deployment on GCP Cloud Run.