

Badri Vishal Padhy

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Portfolio | GitHub | LinkedIn | LeetCode

EDUCATION

XIM University | Bhubaneswar, Odisha

Bachelor of Technology in Computer Science | Aug 2022 - March 2026

EXPERIENCE

AI Backend Engineer | TestMu AI | Apr 2026 - Oct 2026

- Developed backend features for agent-to-agent testing across chat, voice, and phone agents using Python, FastAPI, PostgreSQL, and Kafka.
- Fixed evaluation settings and improved AI prompts to make test scenarios clearer and test results more reliable.
- Improved test-run tracking and handled duplicate updates and timeouts across chat, voice, and phone testing.
- Built Slack and email alerts for test outcomes; enforced organization-scoped access to protect agent context, evaluation data, and LLM billing.

Software Developer | Litekart | Remote | Jan 2025 - Jul 2025

- Built frontend features and product modules using React.js, Svelte, and Hono.js in a 6-member team, delivering features from frontend to backend.
- Improved page load time by 25% by fixing performance issues in the rendering pipeline.
- Integrated REST APIs to reduce client-side errors and cleaned up code across multiple services.

PROJECTS

Nodex - Distributed Workflow Automation Platform | Live | GitHub

Next.js, Express.js, Kafka, PostgreSQL, Docker

- Architected a Zapier-like platform with 5 decoupled microservices using Kafka for event-driven workflow orchestration.
- Implemented a PostgreSQL transactional outbox and Node.js publisher worker for at-least-once delivery under failure scenarios.
- Dockerized services with multi-stage builds and deployed with CI/CD for automated testing and container releases.

Exness - Crypto Futures Trading Platform | GitHub

TypeScript, Node.js, Redis Streams, WebSockets, Prisma, PostgreSQL

- Built an asynchronous trading engine with Redis Streams consumer groups, ACK-based confirmation, and retry logic.
- Ingested and broadcast live market data at approximately 10 updates/sec through WebSockets.
- Implemented order placement, matching, and settlement with PostgreSQL persistence in a typed Turborepo monorepo.

Twixy - Twitter-Like Social Platform | GitHub

Node.js, GraphQL, PostgreSQL, Redis, Next.js, TypeScript, AWS

- Built GraphQL APIs for tweets, follows, likes, and personalized feeds with cursor-based pagination.
- Cached sessions and feeds in Redis; used Next.js SSR/ISR for fast initial page loads and public-page SEO.
- Deployed on AWS EC2 with S3 media storage and managed PostgreSQL migrations using Prisma ORM.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, Go

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

Backend: Node.js, Express.js, FastAPI, PostgreSQL, Redis, Prisma ORM

Systems and DevOps: Kafka, Redis Streams, WebSockets, Microservices, Docker, AWS, Turborepo, CI/CD, Linux, Git

ACHIEVEMENTS

Hacktoberfest 2024 Contributor | Oct 2024

Contributed multiple successfully merged pull requests to open-source repositories.