

Abhinandan Mishra

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linkedin.com/in/abhinandanmishra1 | Leetcode (Top 2% Globally) | Blog | Portfolio

EXPERIENCE

• Software Engineer II | Project44

Software Engineer II

March 2026 - Present

- **Led the migration of Project44's Last Mile platform from Next.js 12 + PHP to React 19 and Single-SPA micro-frontends**, enabling independent deployments and CDN-based asset delivery while reducing **build time from 2 hours to 10 minutes**.
- **Designed and shipped a Custom Alerts Platform end-to-end** across **React and Java/Spring Boot with PostgreSQL**, implementing **event-driven rule evaluation and multi-stage alert processing** across rules-service, shipment-pipeline, and notification-service, enabling **10,000+ users across 40+ enterprise clients** to configure shipment alerts.
- **Engineered Zero to Ship + p44-coding-agent**, an org-wide autonomous development system orchestrating LLM agents, parallelizing independent work and sequencing dependencies to automatically raise PRs — **reducing feature turnaround from 2–3 weeks to 2–3 days**.
- **Developed Prototype-to-Production**, an AI-powered UI generation workflow that lets product managers and leadership define prototypes through prompts and generate implementation-ready changes with **PR creation directly from the workflow**, reducing developer handoff during product validation.

Software Engineer 1

Feb 2025 - March 2026

- **Built Bulk Tracking Search end-to-end** with **React and Elasticsearch**, scaling input from **30 to 3,000–5,000 tracking numbers** by consolidating searches into a single Elasticsearch **terms** query and batching result hydration, while enriching and reassembling results in original search order.
- **Engineered Bridge44**, a **Python/FastAPI LLM-powered developer platform** with a unified chat interface and Claude plugin, integrating Git, Jira, Confluence, and Swagger to provide contextual engineering assistance and **reduce context-switching time by 40%** across teams.
- **Architected a centralized React component library and design system**, including Storybook and a Figma-to-Code plugin using **Figma MCP + Code Connect**, generating pixel-accurate production UI in minutes and **reducing frontend implementation time from 1 week to 1 day**.

• Specialist Programmer | Infosys

Oct 2023 - Feb 2025

- **Streamlined production deployments with automated Azure DevOps pipelines**, enabling **A/B testing and gradual feature rollouts**, reducing deployment time by **96% from 1 hour to 2 minutes**.
- **Developed a RAG-based internal Q&A assistant** using **LangChain** and **vector embeddings** over internal documentation and runbooks, **reducing engineer support-ticket resolution time by 30%**.

• Software Engineer | Cosmocloud

Jan 2023 - Oct 2023

- **Integrated MongoDB Atlas Search for full-text search**, improving query response time by **50%** and eliminating dedicated search infrastructure, saving an estimated **\$200K/year**.
- **Implemented a centralized Secrets Vault** with end-to-end encryption and **RBAC**, securing **1,000+ cloud credentials** across teams and eliminating plaintext secret sharing.
- **Developed client-facing environment provisioning portal** with simple **UI controls** for creating and managing custom environments, leveraging **Kubernetes pod orchestration** for automated **multi-container deployment and scaling**.
- **Developed a multi-environment deployment framework** supporting Development, Staging, and Custom environments, **reducing deployment time by 30%** and streamlining release management.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech (IT)	Madan Mohan Malaviya University of Technology, Gorakhpur	8.14	2023

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript, C++
- **Backend:** Spring Boot, FastAPI, Node.js, NestJS, Microservices, Event-Driven, Distributed Systems, REST APIs, Pub-Sub (Kafka)
- **Frontend:** React, Angular, Next.js, Redux, React Query
- **Data & Infrastructure:** PostgreSQL, MongoDB, Redis, Elasticsearch; AWS (Lambda/SQS/Kinesis), Azure, Terraform, Docker, Kubernetes, CI/CD
- **AI/LLM:** LLM Agents, LangChain, RAG, Tool-Use Orchestration, Vector Embeddings

ACHIEVEMENTS

- **2× Winner** (2025 Q2 & Q3) + **Q4 Judge** in the **AI in Action** hackathon at Project44
- Max rating of **2026** on [LeetCode](#).