

Vipul Singh

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EXPERIENCE

ForkLift

India (Remote)

Software Engineer Intern

Oct 2025 – Dec 2025

- Engineered full-stack features across multiple client projects using **Next.js**, **React**, and **Node.js** in an **Agile** development environment.
- Developed scalable backend services using **Prisma**, **PostgreSQL**, and **MongoDB** for production client applications.
- Partnered with clients to gather requirements, designed solutions, and delivered **Odoo** modules and interfaces from specification to deployment.

Accenture

Mumbai, India

Associate Software Engineer Intern

May 2025 – Jul 2025

- Configured **IBM Maximo** environments including organizations, assets, workflows, security groups, and database settings to support enterprise asset management.
- Built and customized workflow automations and role-based access controls using **IBM Maximo Application Designer** to support business process changes.
- Deployed and scaled containerized applications on **Kubernetes** and **Red Hat OpenShift**, managing highly available containerized workloads.

PROJECTS

ideaCentre | *Next.js, TypeScript, Supabase, PostgreSQL, Gemini AI*

GitHub | Live Demo

Jul 2026

- Built a full-stack startup idea discovery platform with **Next.js**, **TypeScript**, **Supabase**, and **PostgreSQL**, featuring a normalized **12-table** schema, a reel-style discovery feed, and a user dashboard.
- Designed **10+ REST API endpoints** with **Google OAuth**, JWT authentication, authorization, rate limiting, and atomic engagement operations for concurrent user interactions.
- Integrated **Google Gemini AI** to generate structured startup insights, and engineered a hybrid trending algorithm with caching and concurrency control for content ranking.

Projekt-Necto | *Next.js 15, React 19, LangChain, OpenAI API, Gemini API*

GitHub | Live Demo

May 2025

- Shipped an AI-powered SaaS platform on **Next.js** with dynamic model switching between **OpenAI** and **Google Gemini** for conversational AI workflows.
- Implemented AI-powered PDF summarization with **LangChain** and **UploadThing**, processing **100+ documents** during the initial release.
- Cut page load times by **40%** via **Vercel** deployment, edge caching, and route preloading.

TECHNICAL SKILLS

Languages: C/C++, Java, JavaScript, TypeScript, SQL

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Prisma, Zod, Tailwind CSS

Databases: PostgreSQL, MongoDB, MySQL

Cloud & DevOps: AWS, Azure, Docker, Kubernetes, Jenkins

AI & LLMs: LangChain, OpenAI API, Gemini API

Developer Tools: Git, GitHub, Linux, IBM Maximo, Odoo

EDUCATION

Kalinga Institute of Industrial Technology (KIIT)

Bhubaneswar, Odisha

B.Tech. (Honours), Computer Science & Engineering — CGPA: 8.76

Apr 2026

CERTIFICATIONS

Capgemini Exceller Edge Fellowship Program - Capgemini

Dec 2025 – Mar 2026

Google Project Management: Professional Certificate - Coursera

2024