

UJJAWAL SINGH

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Technical Skills

- **Frontend & Mobile:** React.js, Next.js, TypeScript, Three.js, Flutter (Dart)
- **Backend:** Node.js, Express.js, Python, FastAPI
- **Database Management:** MongoDB, DynamoDB, Qdrant
- **Cloud & DevOps:** AWS, GCP, Docker, Vercel, CI/CD

Experience

Wedease | Gurgaon, IN

Team Lead | Aug 2025 – Present

- *Leading cross-functional teams to build AI-driven RAG systems for internal knowledge retrieval.*
- *Architecting platforms for Sales & Operations automation, improving lead qualification and pipeline efficiency.*
- *Mentoring junior engineers; evaluating MCP servers, AI frameworks, and infra trade-offs.*
- *Driving technical architecture, delivery planning, and agile execution.*

The Yarn Bazaar | Bengaluru, IN

Full-Stack Developer | Sep 2023 to Aug 2025

- *Led modernization of the company website to Next.js, improving SEO and performance by 40%.*
- *Built internal & customer-facing AI chatbots using Cohere, Qdrant, and OpenAI; integrated with ClickUp.*
- *Developed a centralized CRM automation platform (WhatsApp, email, OCR), reducing manual data entry by 70% and accelerating order processing.*
- *Launched a cross-platform mobile app, gaining 1,000+ downloads.*

Education

Masai School, Bengaluru, IN

Full-Stack Web Development Training | June 2022 to Aug 2023

Lovely Professional University, Punjab, IN

Bachelors in Technology (EEE) | Aug 2018 to May 2022

Key Projects

- Vendor Management System (VMS): Built an ops platform to manage vendors, venues, events, and clients with real-time public webpage previews reflecting live vendor updates.
- Event Reach (E-Invite): Developed a multi-channel invitation system enabling automated Email & WhatsApp communication across multiple events.
- TYB Chatbot: Built an internal AI assistant using FastAPI, Cohere, Qdrant, and OpenAI, integrated with ClickUp for query tracking and task updates.
- CRM Automation Platform: Centralized CRM integrating WhatsApp, email, OCR, and Google Maps—cutting manual data entry by 70%.