

# 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
- **Database Management**: MongoDB, DynamoDB
- **Cloud & DevOps**: AWS, GCP, Docker, Vercel, CI/CD Pipelines

## Experience

### Wedease | Gurgaon, IN

Team Lead | Aug 2025 – Present

- Leading development of AI-driven RAG system to enhance knowledge retrieval for internal teams.
- Building a platform for Sales & Ops to automate lead gathering and qualification, improving pipeline efficiency.
- Mentoring junior developers; evaluating new frameworks for MCP servers and AI integration.

### The Yarn Bazaar | Bengaluru, IN

Full-Stack Developer | Sep 2023 to Aug 2025

- Led modernization of company website to Next.js → SEO & speed +40%.
- Built 2 AI chatbots:
  - Internal: Cohere, Qdrant, OpenAI + ClickUp integration for query tracking.
  - Customer-facing: WhatsApp bot for product queries and status updates.
- Developed centralized CRM system, reducing order processing time from 1 day to 3–4 orders/day via automation (WhatsApp, email, OCR).
- 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

## Projects

### TYB Chatbot | The Yarn Bazaar

May 2025 to Aug 2025

Built an internal AI-powered chatbot to streamline query tracking and information retrieval across teams.

- Developed with FastAPI, Cohere, Qdrant, and OpenAI; integrated into ClickUp for real-time task updates.
- Used advanced embeddings and vector search to deliver accurate, fast responses.

### CRM | The Yarn Bazaar

Dec 2023 to Jan 2025

- Integrated WhatsApp bot, email, and call automation for real-time notifications and faster response times.
- Embedded Google Maps for location tracking and simplified site visit planning.
- Implemented OCR technology, cutting manual data entry time by up to 70%.