

# YUVRAJ SINGH

Delhi, India

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## Technical Skills

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**Programming Languages:** HTML, Java, JavaScript

**Frontend Technologies:** React.js, TypeScript, Tailwind CSS, MUI

**Backend Technologies:** Node.js, Express.js, RESTful APIs

**Databases:** MongoDB Atlas, MySQL, PostgreSQL

**Developer Tools:** Visual Studio, GitHub, Gitlab, Postman

**Cloud & DevOps:** AWS (Lambda, API Gateway, SES, EC2, S3, Cloudfront) & CI/CD pipelines

**Concepts:** MVC, OOPs, Data Structures and Algorithms

**AI/ML & Automation:** LangGraph, LangChain, OpenAI API, Gemini API, Vector Databases, RAG (Retrieval-Augmented Generation), WhatsApp Web.js, GitHub Copilot

## Work Experience

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**Software Engineer | Wedease Planners International Private Limited**

**Aug 2025 – Present**

- Developed WhatsApp Bulk Messenger, an automation tool using WhatsApp Web.js that streamlined operations team workflow by enabling automated customer messaging campaigns, resulting in increased customer reach and improved response tracking capabilities.
- Built an AI-powered WhatsApp chatbot using LangGraph to replicate the WOW Meter assessment platform, creating an interactive conversational flow that collects user responses and generates personalized WOW scores through WhatsApp interface.

**Full Stack Developer | The Yarn Bazaar (Filosha Infotech Pvt. Ltd)**

**May 2024 – Aug 2025**

- Provided production support for CRM and OnP platform, ensuring system stability, debugging critical issues, and optimizing performance by up to 15%.
- Led an email campaign, developing templates, triggering mails using Nodemailer and AWS SES, achieving about 35%+ engagement.

## Education

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**Full Stack Web Development**

*Masai School*

**Sep. 2023 – May. 2024**

*New Delhi, India*

**B.Sc. Physical Science with Computers**

*Shyam Lal College*

**Aug. 2018 – Jun. 2021**

*Shahdara, New Delhi, India*

## Projects

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**WhatsApp Bulk Messenger — Wedease Planners**

- Engineered an automated messaging system using WhatsApp Web.js to streamline operations team workflow, enabling bulk customer outreach campaigns and reducing manual messaging time by over 80%.
- Implemented response tracking and analytics features to capture customer engagement metrics, improving campaign effectiveness and enabling data-driven decision-making for marketing strategies.

**WOW Meter AI Chatbot — Wedease Planners**

- Developed an intelligent WhatsApp chatbot using LangGraph to replicate the WOW Meter assessment platform, creating a conversational interface that guides users through interactive questionnaires directly on WhatsApp.
- Integrated natural language processing to collect user responses and generate personalized WOW scores, making the assessment process more accessible and increasing user engagement by eliminating the need for website visits.

**OnP Dashboard — The Yarn Bazaar**

- Developed a centralized enquiry response system enabling 100+ buyers to enquire with multiple suppliers and track their responses on a single platform, streamlining order enquiries and decision-making.
- Empowered suppliers, especially SMEs, to capitalize on business opportunities by streamlining responses to multiple inquiries stemming from buyer requests.

**CRM — The Yarn Bazaar**

- Optimized data flow from the Ops team to the OnP Platform, reducing processing delays by 30% and improving order accuracy.
- Automated form data entry using OCR technology, achieving up to a 70% reduction in manual processing time.