

Harshil Kharbanda(he/him)

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PROFESSIONAL SUMMARY

Full Stack Developer specializing in the **MERN stack** (MongoDB, Express.js, React.js, Node.js) with hands-on experience designing, developing, and deploying **scalable, responsive web applications**. Proficient in **front-end development** with HTML5, CSS3, JavaScript (ES6+), React.js, Tailwind CSS, and Bootstrap, as well as **back-end development** using Node.js, Express.js, and RESTful APIs. Skilled in **database management** with MongoDB and Mongoose, implementing **JWT authentication**, and ensuring cross-browser compatibility. Experienced in leveraging **AI-assisted development tools** such as GitHub Copilot to accelerate coding workflows, optimize performance, and enhance problem-solving. Adept at **responsive design, API integration, version control with Git/GitHub**, and deploying applications using Vercel. Passionate about delivering clean, maintainable code and contributing to collaborative development environments.

EXPERIENCE

Full Stack Web Development Intern – LabMentix (*Remote*) | June 2025 – August-2025

- Developed and maintained full-stack web applications using MERN technologies, improving feature delivery efficiency and UI responsiveness.
- Built and optimized full-stack applications using React.js, Node.js, Express.js, and MongoDB
- Deployed production-ready web applications (Signsy, TalentForge) to live environments, improving project delivery time and team productivity.

TECHNICAL SKILLS

Front-End: HTML5, CSS3, JavaScript (ES6+), **React.js**, Tailwind CSS, Bootstrap, Responsive Design

Back-End: **Node.js**, Express.js, RESTful APIs, JWT Authentication

Databases: MongoDB, Mongoose

Tools & Platforms: Git, GitHub, VS Code, Postman, Vercel, **AI Development Tools** (GitHub Copilot)

PROJECTS

Automated flour mill management system

- Digitized and automated a small business's entire operation, replacing a manual, error-prone ledger with a highly scalable, real-time cloud solution.
- **Secure, Two-Step Transaction Workflow:** Implemented a secure process where customer-initiated transactions (deposits/withdrawals) are first recorded as '**Pending**' via the chatbot. The owner must then log into the admin panel for physical verification, and only upon '**Approval**' is the customer's live balance updated. This ensures data integrity and auditability.
- **Stateful WhatsApp Automation:** Developed a robust, stateful chatbot that handles language selection, sends interactive menus, validates customer input, and provides instant balance checks. This eliminated the need for manual customer service calls.

Technology Stack:

- **Frontend (UI):** ReactJS, Tailwind CSS (Mobile-First Design).
- **Backend (Serverless):** AWS Lambda , AWS API Gateway (REST API)
- **Database (High Performance):** Amazon DynamoDB

Signsy – E-Signature Platform (MERN) | [Live](#)

- Developed during **LabMentix internship** — secure platform for uploading and signing documents online.
- Implemented **JWT authentication** and built RESTful APIs with Node.js & Express.js.
- Designed responsive UI with React.js and Tailwind CSS.

Corte Salon Website | [Live](#)

- Developed a modern, fully responsive website for Corte Salon, a local business based in Jalandhar, to establish their online presence and enhance customer engagement
- **Tech Stack:** React.js, Bootstrap

ODIT Solutions Website | [Live](#)

- Contributed to the design and development of a dynamic website for OD IT Solutions, a Canada-based tech company providing digital solutions.
- **Tech Stack:** React.js, Tailwind CSS

EDUCATION

Master of Computer Applications (MCA) — 2024–2026

Gujranwala Guru Nanak Institute of Management and Technology, Ludhiana

Bachelor of Computer Applications (BCA) — 2021–2024

Gujranwala Guru Nanak Institute of Management and Technology, Ludhiana

ADDITIONAL INFORMATION

Languages: English (Fluent), Punjabi (Fluent), Hindi (Fluent)

Interests: Cricket, Travel & Exploration