

# SHAILESH HAWALE

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## PROFILE SUMMARY

Final-year IT student and **MERN Stack** developer with multiple deployed full-stack projects. Proficient in React, Node.js, MongoDB, and Express, with hands-on experience in building scalable web applications. Seeking an SWE-1 Role to apply technical skills, contribute to a development team, and gain production-level experience.

## ACHIEVEMENTS

**1st Prize – Project Competition (2025)** - Secured top position among 11 teams for developing **StylePredict**, a business sales prediction web application using XGBoost and Flask

## PROFESSIONAL EXPERIENCE

### BACKEND DEVELOPER INTERN – Raulo Enterprises Sep 2025 - Present | Remote

- Built & deployed **3 Production backend systems** for clients end-to-end as the sole backend developer.
- Designed MongoDB schemas & **30+ REST API endpoints**, improving query load **by 30%**.
- Optimized media pipelines using **Sharp + WebP**, reducing file size **60%** and upload time **40%**.
- Automated email and content workflows, reducing manual client effort **by ~45%**.

### MERN STACK INTERN – Fascafe IT Solutions Sep 2025 - Present | Remote

- Optimized label PDF generation, reducing print errors **by 40%**.
- Implemented **pagination** across modules, cutting load times **55%**.
- Worked on building **3-4 admin pages** enabling CRUD for 5+ entities.
- Delivered responsive dashboards and reusable components **improving UX consistency**.

## TECHNICAL PROJECTS

### EXAM MITRA – AI-Powered MERN App for Smart Exam Preparation

- Designed an **end-to-end workflow** to extract structured questions from PDFs (scanned & digital), integrating **OCR (Puter.ai), Puppeteer, and LLaMA 70B via Groq API** into a single automated process.
- Automated extraction of **50+ questions** per document, reducing manual **effort by 90%**, with support for editing, mark assignment, and revision tracking.
- Built a **responsive UI** (desktop + mobile) with dynamic filters, sorting, and PDF export, improving study workflow efficiency for **100+ questions** per subject.
- **Optimized web scraping pipeline** by storing university papers in MongoDB, cutting redundant scraping by 80% and reducing retrieval time from **minutes to seconds**; integrated secure **Google OAuth + JWT authentication**.

Tech: MERN Stack, Groq API, LLaMA-70B model, Puter.js

[Live](#) | [Github](#)

### STYLE PREDICT – ML-Powered Clothing Store Sales Prediction Web App

- **Built an end-to-end ML app** with XGBoost + Flask to forecast retail sales with **85%+ prediction accuracy**.
- Enabled **real-time predictions** with filters across **6+ dimensions** (category, age, gender, location, payment, time).
- Developed **EDA visualizations**, uncovering key sales drivers and trends from **50k+ records**.
- Designed **responsive, multi-page frontend** with seamless Flask backend integration.

Tech: Python, Flask, HTML, CSS, JavaScript

[Live](#) | [Github](#)

## SKILLS

**Full Stack Development** – MongoDB, MySQL, Express.js, React, Node.js

**Programming Languages** – JavaScript, Python, HTML, CSS, SQL

**Frontend & Libraries** – Redux, Tailwind CSS, Axios

**Tools & Technologies** – Git, GitHub, Postman, REST APIs, JWT, Deployment (Vercel, Render, Railway)

## EDUCATION

**B.E. in Information Technology** | Shivajirao S. Jondhale College of Engineering

2023-26 | Present

**Diploma in Computer Engineering** | VPM's Polytechnic

2023 | **81%**

**10th SSC Maharashtra Board** | SNVM, Thane

2020 | **86%**