

# SHAILESH HAWALE

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## PROFILE SUMMARY

**Product-Focused Full Stack Engineer** with production experience. Expert in **MERN Stack**, **System Design**, and **AI Integration**. Proven ability to architect scalable backends, optimize database performance, and ship complex features independently. Seeking a challenging role to contribute immediately to a shipping team.

## ACHIEVEMENTS

**1st Prize – Project Competition (2025)** - Secured top position among 11 teams for developing **StylePredict**.

## PROFESSIONAL EXPERIENCE

### MERN STACK DEVELOPER INTERN – Fascave IT Solutions

Sep 2025 - Present | Part Time | Remote

- Engineered a comprehensive **COD Management Module** (Dashboard + 5 Sub-modules), handling complex UI states, real-time transaction tables, and API integrations.
- Revamped the PDF engine to handle **500+ bulk labels**, **eliminating UI freezes** via asynchronous loaders and implementing smart auto-download logic for large datasets.
- Solved critical mobile rendering failures by implementing a **Blob-based fallback mechanism**, ensuring **100% seamless PDF access** across all devices.
- Integrated **paginated data fetching** across modules, reducing initial payload size and cutting dashboard load times by **55%**

**Skills:** React, TypeScript, UI/UX, Git/GitHub

### BACKEND ENGINEER INTERN – Raulo Enterprises

Sep 2025 - Dec 2025 | Part Time | 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 speeds 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%**.

**Skills:** Node.js, Express.js, System Design, REST APIs, PostgreSQL, MongoDB

## TECHNICAL PROJECTS

### EXAM MITRA – AI-Powered EXAM SAAS

- Engineered a parsing system that converts **unstructured PDFs into Structured JSON** (extracting marks & metadata) via LLaMA-70B, reducing manual data entry by **90%**.
- Built a multi-mode answer generator integrated with **Tavily AI** to fetch **10+ live resources**, **80% reduced** research time.
- Designed a **indexing strategy in MongoDB** to store pdf links, reduced paper retrieval time from **~45s (scraping) to <50ms**.
- Developed a comprehensive revision dashboard with **1-click Export**, allowing students to compile notes in **<10 seconds**.

**Tech:** MERN Stack, LLaMA-70B model, Puter.js, Prompt Engineering

[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**.
- Created interactive dashboard to visualize trends across **6+ business dimensions**.

**Tech:** Python, ML, Flask, HTML, CSS, JavaScript

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

## SKILLS

**Backend** - Node.js, Express.js, System Design, REST APIs.

**Frontend:** React.js, Next.js, Redux Toolkit, Tailwind CSS.

**Database:** MongoDB, PostgreSQL, Redis.

**Tools:** Docker, Git/GitHub, Postman, Vercel.

## EDUCATION

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

2023-26 | Present

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

2023 | **81%**