

# SHABEEN SHARIH P

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## Summary

**Full Stack Developer** with production-grade experience building **scalable web applications** using **JavaScript, TypeScript, React, Next.js, Node.js, and MongoDB**. Proven ability to architect end-to-end systems, from **real-time Computer Vision and OCR platforms** to AI-powered influencer discovery and e-commerce solutions. Expert in hardware-level integrations and high-performance data extraction using **OpenCV.js**. Passionate about clean code, robust system design, and solving complex engineering problems at scale.

## Experience

### Prototype

Kinfra Technopark, Kakkancheri

*Full Stack Developer Intern*

2024 - 2025

- Developed and maintained **scalable web applications** using the MERN stack.
- Designed and implemented **RESTful APIs** and backend services using Node.js and Express.js.
- Built **responsive and user-friendly UI** using React.js.
- Collaborated with teams, participated in **code reviews**, and maintained coding standards using Git

## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript

**Frontend:** React.js, Next.js, Redux Toolkit, Tailwind CSS, Framer Motion, GSAP, UI/UX, HTML5, CSS3, Bootstrap, Open CV

**Backend:** Node.js, Express.js, NestJS, REST APIs, Repository & MVC Architecture, WebSockets, Socket.io

**Databases:** MongoDB, PostgreSQL, Database Schema Design

**Auth & Security:** JWT, Role-Based Access Control (RBAC), OAuth

**DevOps & Tools:** AWS EC2, Git, GitHub, Figma

**Integrations:** Razorpay, Firebase, Nodemailer, Cloudinary, Instagram API, YouTube Data API, AI/LLM APIs

**CS Fundamentals:** Data Structures, Algorithms, Object-Oriented Programming (OOP), System Design

## Soft Skills

Problem Solving & Analytical Thinking · Communication & Collaboration · Adaptability & Self-Learning · Ownership & Initiative · Time Management · Attention to Detail

## Projects Experience

**Medic Scanner** | *Next.js, Node.js, MongoDB, Open CV, TypeScript, AI-Integration, Tailwind*

**Live** | **GitHub**

- Developed a high-performance **Next.js** and **TypeScript** application to verify pharmaceutical safety by cross-referencing medicine batch numbers with **CDSCO** regulatory data.
- Engineered a real-time computer vision engine using **OpenCV.js** and throttled **OCR** loops to achieve precise data extraction from drug packaging.
- Optimized UI responsiveness and processing speed by offloading heavy image manipulation tasks to **Web Workers**, ensuring a seamless mobile-first user experience.
- Built a scalable **Express.js** backend utilizing the **Repository Pattern** to manage medicine databases and structured data extraction efficiently.

**Collabify** | *Next.js, Node.js, Nest.js MongoDB, Socket.io, Instagram API, YouTube API, AI*

**Live** | **GitHub**

- Architected a full-stack influencer discovery SaaS platform integrating **Instagram** and **YouTube Data APIs** to aggregate real-time channel analytics for brand creator matching.
- Built an **AI powered search and recommendation engine** improving influencer brand match accuracy; engineered real time chat with Socket.io and Razorpay payment gateway with webhook handling.
- Designed interactive **analytics dashboards** visualizing audience demographics, engagement rates, and campaign performance metrics.

**Tungsten** | *Node.js, Express.js, MongoDB, Razorpay, EJS*

**Live** | **GitHub**

- Developed a production ready **e commerce platform** with full admin dashboard, order lifecycle management, inventory control, coupon/discount system, and Razorpay payment integration with webhooks.
- Implemented **secure user authentication** with session management, OTP via Nodemailer, and Google OAuth login.

**Convo** | *React.js, Node.js, Socket.io, MongoDB*

**Live** | **GitHub**

- Built a **real time chat application** with 1 on 1, typing indicators and online presence using **Socket.io**;
- Implemented **file sharing** with Multer and Cloudinary Storage.

## Education

**Higher Secondary (Computer Science)**

Edavanna, Malappuram

2020 - 2023