

SHASHANK SHRIVASTAVA

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Summary

Full Stack Developer experienced in **React, Next.js, and Node.js**, building scalable web applications using **MERN Stack**, currently pursuing **B.Tech. in Computer Science Engineering** with a **CGPA of 9.05 /10**. Member of ECELL IPSA as a web developer.

Education

Institute of Engineering & Science (IES) IPS Academy

Dec 2024 – June 2028

Bachelor of Engineering in Computer Engineering

CGPA: 9.05

Shri Gujrati Samaj Higher Secondary School Ratlam

March 2022 - April 2023

Class XII (Higher Secondary)

Percentage: 89 %

Technical Skills

Languages : Java, Python, JavaScript (ES6+), TypeScript

Frontend Architecture : React.js, Next.js, Tailwind CSS, Bootstrap CSS

Backend & API Engineering : Node.js, Express.js, RESTful API, WebSocket, Socket.io

Databases : MongoDB, PostgreSQL, MySQL

Tools : Docker, Git, GitHub, GitHub Actions, CI/CD, Postman, npm, JWT, OAuth, WebRTC

Projects

CivicPulse | [Link](#) [Next.js, React, TypeScript, Nodejs, Express, MongoDB, Tailwind]

- Developed an AI-powered full-stack civic issue reporting and duplicate detection system.
- It integrates pretrained Hugging Face models (CLIP for images, MiniLM for text) to detect duplicate photos and reports from visual, semantic, location and category similarity.

Lokaly | [Link](#) [React, Nodejs, Express, MongoDB, Tailwind]

- Developed an AI-powered hyperlocal social-commerce platform connecting local sellers, small businesses, and customers.
- AI-Powered Shopping: Semantic product search, voice shopping, personalized recommendations, sentiment analysis, and intelligent shopping assistance.
- Social & Hyperlocal Commerce: Nearby seller discovery, digital storefronts, real-time chat, live selling, digital payments, seller trust scores, community rewards, and AR virtual try-on.

Annsaarthi | [Link](#) [Next.js, React, TypeScript, Nodejs, Express, MongoDB, Tailwind]

- Developed a full stack smart procurement platform for farmers & queue management system.
- Farmer registration slot booking, real-time Socket.IO queue management, procurement and payment tracking, role-based admin and centre consoles, analytics and audit logs, and AI-based waiting-time and crowd forecasts with a built-in fallback.

Hobbies & Community Experience

- **AI Enthusiast** with a strong interest in exploring and learning emerging technologies in artificial intelligence.
- Currently strengthening problem-solving skills by studying **Data Structures and Algorithms**.
- **Member of the Web Development Team**, E-Cell IPS Academy, contributing to web development initiatives and technical activities.
- Selected in top **75 teams** out of 550+ teams in **SquidHack Indore**.