

Satyam Shivam

🏠 Patna, Bihar, India ✉ iamsatyamshivam@gmail.com ☎ +91 8210880962 🌐 isatyamshivam 📧 isatyamshivam 🖱 isatyamshivam

Education

VIT Bhopal University, Bhopal, India

Jul 2024 – Present

Master of Computer Applications – CGPA: 8.27 / 10.00

Aryabhata Knowledge University, Patna, India

Jul 2021 – Jun 2024

Bachelor of Computer Applications – CGPA: 8.22 / 10.00

Skills

Language : Java, Python

Frontend : HTML5, CSS3, Tailwind CSS, JavaScript, React, Next.js, Fetch API

Backend : Node.js, Express.js, Nest.js, RESTful APIs

Database : MySQL, MongoDB

Tools : AWS Cloud, Git, GitHub, VS Code, WordPress, Canva, Figma, Selenium, Postman

Projects

Newssy - Real-Time News Aggregator | [Link](#) | [Demo](#)

Apr 2025

- Technologies: Next.js, JavaScript, HTML, Tailwind CSS
- Build with React and Next.js, fetching real-time articles from 8+ categories using public APIs and SSR.
- Implemented scroll and search filters, improving user content discovery by 40%.

Swapify - Secondhand Marketplace | [Link](#) | [Demo](#)

Nov 2024 – Mar 2025

- Technologies: Next.js, React, Tailwind CSS, Node.js, Express.js, MongoDB, RESTful APIs, Google OAuth
- Applied OOP principles, SDLC, and System Design to develop the full-stack application.
- Responsive Marketplace with real-time chat and geolocation, boosting user engagement by 40% across devices.
- Engineered secure authentication (JWT, OAuth, bcrypt, rate limiting), cutting unauthorized access risks by 70%.

MoodTunes - AI-Powered Mood-Based Music Recommender | [Link](#) | [Demo](#)

Feb 2025

- Technologies: React (Vite), Tailwind CSS, Framer Motion, face-api, Radix UI, ESLint
- Created with React, with 95%+ mood detection accuracy via selfie or manual input boosting user engagement 2x.
- Suggest music across 5 emotions using real-time analysis, achieved less than 1 sec mood detection using face API.

Experience

Center for Entrepreneurship Development, Patna, India

Jan 2024 - Jun 2024

Programmer Analyst Trainee

- Led and managed 5+ campus events and workshops, showcasing leadership, teamwork, and organization skills.
- Configured and customized pfSense Open Source Firewall for Internet Proxy Server, enhancing network security by blocking 10,000+ illegal and gambling websites and optimizing bandwidth usage for 800+ users in the campus.
- Created digital marketing content strategies, increasing online engagement by approximately 40%.

Achievements

Core Team Member – Google Developer Student Club IIBM – [Link](#)

Certifications

AWS Introduction to Generative AI – Amazon Web Services – [Link](#)

AWS Getting Started with Security – Amazon Web Services – [Link](#)

AWS Cloud Foundations – Amazon Web Services – [Link](#)

Google IT Support Certification – Coursera – [Link](#)