

Satyam Shivam

🏡 Patna, Bihar, India 📩 iamsatyamshivam@gmail.com 📞 +91 8210880962 💬 isatyamshivam 🌐 isatyamshivam ✉️ isatyamshivam

Education

VIT Bhopal University, Bhopal, India Master of Computer Applications – CGPA: 8.27 / 10.00	Jul 2024 – Present
Aryabhatta Knowledge University, Patna, India Bachelor of Computer Applications – CGPA: 8.22 / 10.00	Jul 2021 – Jun 2024

Skills

Language : Java, Python
Database : MySQL, MongoDB
Frontend : HTML5, CSS3, Tailwind CSS, JavaScript, React, Next.js, Fetch API
Backend : Node.js, Express.js, Nest.js RESTful APIs
Tools : AWS Cloud, VS Code, WordPress, Canva, Figma, Git, GitHub, Selenium, Postman

Projects

Newssy - Real-Time News Aggregator Link Demo	Apr 2025
<ul style="list-style-type: none">– 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
<ul style="list-style-type: none">– 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
<ul style="list-style-type: none">– 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 Programmer Analyst Trainee	Jan 2024 - Jun 2024
<ul style="list-style-type: none">– 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	Aug 2023 – Jun 2024
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Certifications

AWS Introduction to Generative AI – Amazon Web Services – Link	Sept 2025
AWS Getting Started with Security – Amazon Web Services – Link	May 2025
AWS Cloud Foundations – Amazon Web Services – Link	Sept 2022
Google IT Support Certification – Coursera – Link	Aug 2022