

Satyam Shivam

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Education

VIT Bhopal University, Bhopal, India Master of Computer Applications – CGPA: 8.27 / 10.00	Jul 2024 – Present
Aryabhata 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 – 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%.	Apr 2025
Swapify - Secondhand Marketplace Link Demo – 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%.	Nov 2024 – Mar 2025
MoodTunes - AI-Powered Mood-Based Music Recommender Link Demo – 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.	Feb 2025

Experience

Center for Entrepreneurship Development, Patna, India 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%.	Jan 2024 - Jun 2024
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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