Satyam Shivam

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LinkedIn | **GitHub** | **Leetcode**

EDUCATION

VIT Bhopal University, Bhopal, India   July 2024 - Present
Master of Computer Applications (MCA) - CGPA: 8.27/10.00

Aryabhatta Knowledge University, Patna, India   July 2021 - June 2024
Bachelor of Computer Application (BCA) - CGPA: 8.22/10.00

SKILLS

Programming Languages : Java, Python, JavaScript
Database : MySQL, MongoDB
Web Development : HTML, CSS, React, Next.js, Node.js, Express.js, Spring Boot, Hibernate
Tools : AWS Cloud, Git, GitHub, VS Code, RESTful APIs, Maven, Apache Tomcat
Core Knowledge : DSA, OOPs, Software Development, System Design, AI, ML, GenAI

PROJECTS

Newssy - Real-Time News Aggregator | Link | Demo   April 2025
- **Technologies:** Next.js, JavaScript, 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 - March 2025
- **Technologies:** Next.js, React, Tailwind CSS, TypeScript, Node.js, Express.js, MongoDB, RESTful APIs, Google OAuth, JWT, Appwrite
- 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

Programmer Analyst Trainee   Jan 2024 - June 2024
Center for Entrepreneurship Development, Patna, India
- 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 - June 2024

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 Foundation | *Amazon Web Services* | Link   Sept 2022
Google IT Support Certification | *Coursera* | Link   Aug 2022