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

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%.

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 (Mongoose), REST API, 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, PostCSS, TypeScript
- 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.

ACHIEVEMENTS

Core Team Member | *Google Developer Student Club IIBM* | Link   Aug 2023 - June 2024

CERTIFICATIONS

OCI Certified Generative AI Professional | *Oracle* | Link   Sept 2025
OCI Certified Data Science Professional | *Oracle* | 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

SKILLS

Programming Languages : Java, Python, JavaScript
Database : MySQL, MongoDB
Libraries & Frameworks : HTML, CSS, React, Next,js, Node,js, Express.js, JDBC, Spring Boot, Numpy, Pandas
Tools & Platforms : AWS Cloud, Git, GitHub, Selenium, Jupyter, Google Colab, Tableau, Power BI, MS Excel
Core Knowledge : OOPs, Data Structures and Algorithms, Cloud Computing, AI, ML, Data Analysis
Soft Skills : Leadership, Teamwork, Analytical, Communication