

# Satyam Shivam

iamsatyamshivam@gmail.com | +91 8210880962 | Patna, India  
LinkedIn | GitHub

## EDUCATION

<b>Vellore Institute of Technology, Bhopal, India</b> <i>Master of Computer Applications (MCA) - CGPA: 7.35/10.0</i>	July 2024 – Ongoing
<b>Aryabhata Knowledge University, Patna, India</b> <i>Bachelor of Computer Application (BCA) - CGPA: 8.22/10.0</i>	July 2021 – June 2024

## EXPERIENCE

<b>Programmer Analyst Trainee</b> <i>Center for Entrepreneurship Development, Patna, India</i>	Jan 2024 – Jun 2024
<ul style="list-style-type: none"><li>Organized and led 2 technical events and 5 workshops, ensuring smooth execution, high engagement, and knowledge sharing</li><li>Configured and customized pfSense Open Source Firewall as an Internet Proxy Server, enhancing network security by blocking 10,000+ illegal and gambling websites and optimizing bandwidth usage.</li><li>Designed and developed 50+ digital marketing content pieces (social media posts, blogs, and infographics), increasing outreach and engagement among aspiring entrepreneurs.</li><li>Collaborated with a team of 20+ members, contributing to projects focused on network security, web development, and cloud infrastructure, gaining hands-on experience in IT administration.</li></ul>	

## PROJECTS

<b>MoodTunes – AI-Powered Mood-Based Music Recommender</b>   <a href="#">Link</a>	May, 2025
<ul style="list-style-type: none"><li>Tech Stack: React.js, JavaScript, Tailwind CSS, Framer Motion, face-api.js</li><li>Built MoodTunes, an AI music app detecting mood via selfie with 90%+ accuracy.</li><li>Suggested Spotify tracks across 6 emotions using real-time analysis.</li><li>Supported 2 input modes (selfie/manual), boosting user engagement 2x.</li><li>Achieved less than 1 sec mood detection using optimized image processing with face API.</li></ul>	
<b>Newssy – Real-Time News Aggregator</b>   <a href="#">Link</a>	April, 2025
<ul style="list-style-type: none"><li>Tech Stack: Next.js, JavaScript, Tailwind CSS, News.api</li><li>Fetching real-time news from News APIs, covering 8+ categories globally.</li><li>Built with React.js, optimized and responsive UI, achieving 90+ Lighthouse performance score.</li><li>Implemented scroll and search filters, improving user content discovery by 40%.</li><li>Deployed with CI/CD pipeline for seamless updates and 99.9% uptime on live environment.</li></ul>	

## CERTIFICATIONS

<b>AWS Getting Started with Security</b>   <i>Amazon Web Services</i>   <a href="#">Link</a>	May 2025
<b>AWS Cloud Foundation</b>   <i>Amazon Web Services</i>   <a href="#">Link</a>	September 2022
<b>Google IT Support</b>   <i>Coursera</i>   <a href="#">Link</a>	August 2022

## SKILLS

**Languages:** Java, Python, JavaScript, SQL  
**Libraries/Frameworks:** Tailwind, React.js, Next.js, Numpy, Pandas, Matplotlib, Seaborn  
**Tools/Platforms:** AWS, Git, GitHub, Jupyter Notebook, Google Colab, VS Code, PyCharm, IntelliJ  
**Soft Skills:** Decision making, Collaborative, Time management