Satyam Shivam

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EDUCATION

Vellore Institute of Technology, Bhopal — July 2024 – Ongoing
Master of Computer Applications (MCA)

Aryabhatta Knowledge University, Patna — July 2021 – June 2024
Bachelor of Computer Application (BCA) - CGPA: 8.22/10.0

EXPERIENCE

Programmer Analyst Trainee — Jan 2024 – Jun 2024
Center for Entrepreneurship Development, Patna

- Organized and led 3 technical events and workshops, ensuring smooth execution, high engagement, and knowledge sharing.
- 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.
- Designed and developed 50+ digital marketing content pieces (social media posts, blogs, and infographics), increasing outreach and engagement among aspiring entrepreneurs.
- 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.

GDSC Core Team Member — Aug 2023 – Jun 2024
Google Developer Student Club, IIBM Patna

- Worked as one of six core team members, playing a key role in organizing 10+ tech events, coding competitions, workshops, and hackathons to promote technical learning and innovation.
- Managed administrative operations for 20+ community interactions, technical sessions, guest lectures, and student mentoring programs, ensuring seamless execution and engagement.
- Increased event participation by 60%, successfully engaging 300+ students in skill-building activities, coding challenges, and networking opportunities.
- Led digital communication strategies, improving outreach by 40% through social media campaigns, email marketing, and promotional content.

PROJECTS

Swapify – Second-Hand Marketplace — Ongoing

- **Tech Stack:** Express.js, MongoDB, React.js, Next.js, DigitalOcean, GitHub, Git.
- Designed and developed a full-stack marketplace that enables users to buy and sell second-hand products with location-based listings to improve accessibility and relevance.
- Implemented a real-time in-app chat system, enhancing buyer-seller communication and reducing response time by 90%.
- Optimized the Next.js frontend, achieving a 90% reduction in page load time and significantly improving SEO rankings for better discoverability.
- Deployed the platform on DigitalOcean, ensuring 99.9% uptime and efficient handling of 20+ daily active users.

CERTIFICATIONS

AWS Cloud Foundation | *AWS Academy* — September 2022
Google IT Support | *Coursera* — August 2022

TECHNICAL SKILLS

Languages: Java, Python, JavaScript
Frameworks: React, Node.js, WordPress
Developer Tools: Git, GitHub, AWS Cloud Platform, VS Code, PyCharm, IntelliJ
Libraries: pandas, NumPy