

# SHOURY SINHA

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## EDUCATION

### MIT World Peace University

*Master of Computer Applications (MCA)*

First Year Completed

**CGPA: 9.09**

Relevant Courses: Advanced Java, Python, Data Structures, Cybersecurity, DevOps

Pune, Maharashtra

Expected 2026

### Patna University

*Bachelor of Computer Applications (BCA)*

Bihar National College

**CGPA: 8.79**

Patna, Bihar

Graduated May 2024

## PROJECT EXPERIENCE

### Shared-Wishlist-App — MERN Stack, Socket.IO, REST API

[GitHub](#)

A full-stack collaborative web app to create, manage, and share product wishlists with real-time features.

- Built using MongoDB, Express, React, and Node.js with modular REST API design
- Enabled real-time collaboration using Socket.IO for instant wishlist updates among users
- Designed secure user authentication, wishlist privacy controls, and seamless UI/UX with React

### CypherStack — Java, JCE, MySQL, AWS S3

[GitHub](#)

A secure file encryption tool with integrated Intrusion Detection System (IDS) and modular local/cloud storage.

- Encrypted 1,000+ files using AES-256 with password hashing and .cyp file format
- Reduced unauthorized access attempts by 70% using IDS alerts
- Integrated AWS S3 support for secure remote storage with upload/download encryption.

### HireArchy — Servlets, Python, Flask, NLP, SQLite

[GitHub](#)

A role-based job portal with integrated Applicant Tracking System (ATS) for employers.

- Developed a job board with user roles (Admin, Employer, Applicant) and session tracking
- Engineered an ATS module to parse resumes and auto-match skills with **80%+ accuracy**
- Implemented a job board used by 100+ mock applicants with session tracking and role-specific dashboards

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, HTML, CSS, Java, Python, MySQL, SQL
- **Frameworks & Libraries:** Node.js, Express.js, React.js, Bootstrap, jQuery
- **Tools & Platforms:** Git, GitHub, Linux, WordPress, VS Code, Firebase
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Key Concepts:** OOPs, Full Stack Architecture, RESTful API Design, MVC Pattern, DSA

## CERTIFICATIONS

- **Full-Stack Web Development: PHP, HTML, CSS & JavaScript** [View Certificate](#) Board Infinity (Coursera), Jul 2025  
Mastered HTML5, CSS3, JavaScript, React, Node.js, Express, MongoDB, and PHP. Developed responsive UIs, secure APIs, and deployed full-stack web applications from concept to production.
- **AWS Fundamentals Specialization** [View Certificate](#) AWS (Coursera), Jul 2025  
Gained hands-on experience with core AWS services, security best practices, workload migration strategies, and serverless application deployment. Completed practical labs covering key concepts in cloud computing.
- **DevOps, Cloud, and Agile Foundations** [View Certificate](#) IBM (Coursera), Jul 2025  
Built a foundation in DevOps, cloud computing, and Agile methodologies. Learned about CI/CD pipelines, cloud infrastructure, Scrum framework, and team collaboration through real-world tools and practices.