AMAN KUMAR SHAH

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Education

Lakshmi Narain College of Technology, Bhopal	**Aug 2023 – Jun 2025**
Master of Computer Applications (MCA)	*CGPA: 8.03*
Government Science College, Jabalpur	**Aug 2019 – Jul 2022**
Bachelor of Science (B.Sc.) in PCM	*Percentage: 64.61*
Govt. Excellence H. S. School, Waidhan (M.P.)	**Jun 2018 – May 2019**
Class 12th, MP Board	*Percentage: 82.4*
Govt. Excellence H. S. School, Waidhan (M.P.)	**Jun 2016 – May 2017**
Class 10th, MP Board	*Percentage: 79.5*

Projects

Student Management System | JSP, Servlet, JDBC, MySQL, HTML, CSS, JavaScript, Collections Framework
○ GitHub Repository **Sep 2025**
– Developed a web app to manage student records with features such as add, remove, login, sort, and display student details.
– Implemented request/response handling, session management, and form validation using Servlets and JSP.
– Used JDBC with MySQL for CRUD operations and persistent data storage.
– Applied Java Collections Framework for efficient record sorting.
– Designed responsive UI using HTML, CSS, and JavaScript.

Shape Based Game | Java, OOP, Inheritance, Polymorphism, Upcasting, Interfaces, SOLID Principles
○ GitHub Repository **Sep 2025**
– Created an educational game to calculate area, perimeter, volume, LSA (Lateral Surface Area), and TSA (Total Surface Area) of 2D & 3D shapes.
– Implemented OOP concepts: inheritance, polymorphism, method overriding/overloading, constructor overloading, and HAS-A relationship.
– Applied SOLID principles for extensible architecture enabling easy addition of new shapes.

Personal Portfolio Website | React.js, Tailwind CSS
🌐 Live Website   ○ GitHub Repository **Nov 2025**
– Developed a responsive and interactive personal portfolio using React.js and Tailwind CSS, showcasing skills, projects, and professional profile.
– Built modular components (Hero, About, Skills, Projects, Contact) for clean, maintainable, and scalable architecture.
– Implemented smooth UI/UX with responsive design, intuitive navigation, and optimized performance using Vite.
– Demonstrates strong frontend development abilities and design sense, serving as a professional digital presence for recruiters and collaborators.

Technical Skills & Interests

- **Programming:** Java, JavaScript
- **Frontend:** React.js, HTML, CSS, Tailwind CSS
- **Backend:** Spring Boot, Hibernate, JPA, JDBC, Servlets, JSP, MySQL
- **Developer Tools:** Git, GitHub, Eclipse, VS Code, MySQL Workbench
- **Concepts:** OOP, DSA, Multithreading, Collections Framework, DBMS
- **Soft Skills:** Leadership, Teamwork, Communication, Problem-Solving

Certifications

- **Cisco AICTE Virtual Internship Program** (May 2024 – Jul 2024) – Completed cybersecurity internship offered by Cisco Networking Academy.
- **Programming using Java** (Jun 2025) – Hands-on training in Core Java and OOP principles.
- **Data Structures and Algorithms using Java** (Jun 2025) – Covered recursion, sorting, searching, and optimization techniques.