

# Shanu Kumar

## SOFTWARE DEVELOPER

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## CAREER OBJECTIVE

Software Developer with expertise in web development, AI-driven solutions, and full-stack engineering. Skilled in modern frameworks to build efficient, user-focused applications. Passionate about using technology to solve problems, enhance user experience, and improve systems. Seeking opportunities to contribute to innovative projects and grow my technical skills.





## EDUCATION

- Master of Computer Application (MCA)**  **Aug 2023 - Present**  
Chandigarh University | Percentage : 73%  
Mohali, Punjab
- Bachelor of Computer Application (BCA)**  **Aug 2019 - Mar 2023**  
Babasaheb Bhimrao Ambedkar Bihar University | Percentage : 74%  
Muzaffarpur, Bihar
- Intermediate**  **April 2017 - Mar 2019**  
Raj Narain College | Percentage : 76%  
Hajipur, Bihar
- Matriculation**  **March 2017**  
Indian Public School | Percentage : 90%  
Hajipur, Bihar

## SKILLS

- Programming Languages :** C++, JavaScript, SQL, Java, Python
- Frameworks & Libraries :** React.js, Node.js, Next.js, Tailwind CSS, Drizzle ORM, Clerk
- Tools & Platforms :** Visual Studio Code, Excel, MySQL, PowerPoint, Canva, Docker, GitHub
- Soft Skills :** Critical Thinking, Collaboration, Creativity

## PROJECTS

- Book Heaven E-commerce Web Application | [Link](#)**  **Mar - Apr 2025**
  - Technologies Used: MongoDB, Express.js, React.js, Node.js, Redux, Cloudinary, JWT, TailwindCSS
  - Description: Built a feature-rich e-commerce platform for book shopping with secure authentication, real-time cart and order management, and an admin dashboard for inventory and sales. Improved user experience and cut checkout time by 40%, while boosting product management efficiency by 50%.
- QuickMedi Web Application | [Link](#)**  **Jan - Feb 2025**
  - Technologies Used : React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, etc.
  - Description : Developed a secure and user-friendly Doctor's Appointment System that allows users to log in, book appointments, and enables doctors to register and manage appointments efficiently. Enhanced appointment scheduling efficiency by 50%, reducing manual efforts and errors.
- AI Trip Planner Web Application | [Link](#)**  **Nov - Dec 2024**
  - Technologies Used : Next.js, Gemini API, Firebase, Google map API, etc.
  - Description : Developed a Web Application which streamlines travel by generating personalized itineraries, consolidating bookings, and offering real-time attraction details, all in one user-friendly platform reducing evaluation time by 30%.
- Mock AI Interview Web Application | [Link](#)**  **Sept - Oct 2024**
  - Technologies Used : Next.js, Gemini API, Drizzle ORM, Clerk Authentication, etc.
  - Description : Designed and developed a responsive web application that assesses developers' technical knowledge based on their tech stacks and experience. Leveraged Gemini AI to generate accurate ratings and feedback, enhancing the assessment process by 40%.

## CERTIFICATIONS

- Python 3 ( 5 Courses from Coursera ) | University of Michigan | [Link](#)**  
Gained expertise in Python data structures, lists, dictionaries, and tuples.
- Interactivity with Javascript ( Courses from Coursera ) | University of Michigan | [Link](#)**  
Learned dynamic content updates and enhanced user interaction using JavaScript.

## EXTRACURRICULAR ACTIVITIES

- Poster Making Competition:** Secured 2nd prize at university-level on Engineer's Day.
- Science Exhibition:** Awarded 2nd prize for creating an innovative science model.