

Akashdeep Kumar

Male | India

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Experience

Software Development Intern

May 2025 – July 2025

AD Infocom Systems, Nagpur, Maharashtra, India

- Developed secure, JWT-based authentication and user dashboard features using Node.js, Express.js, React.js, and MongoDB, with cloud hosting on MongoDB Atlas; deployed both frontend and backend applications.
- Implemented dynamic travel options for users, integrating backend APIs to manage hotel bookings, travel history, and admin functionalities efficiently.

Projects

Doorclinic – AI-Powered Doctor Appointment Healthcare Platform <https://doorclinic.onrender.com>

Definition: Developed a MERN full-stack platform integrated with Generative AI, enabling patients and doctors to manage appointments, access reviews, view clinic locations, and generate AI-powered medical report summaries.

Impact: Streamlines appointment booking, delivers real-time notifications to doctors, direct getting report summary using (Generative AI, SLMs, LLMs- Hugging Face) and enables secure payment processing for patients.

Highlights: GenAI integration using Hugging Face, Real-time notifications via Socket.IO, Razorpay payment integration, Cloudinary image storage, Mapbox clinic locations, secure session management using Helmet.

Innovative Stay – Property Rental Platform

<https://innovative-stay.onrender.com>

Definition: A full-stack property rental platform for hosts and guests, enabling property listings, availability checks, bookings, and user reviews.

Impact: Simplifies short-term and long-term stays, providing real-time communication between hosts and guests, along with efficient property management.

Highlights: Role-based authentication, real-time chat with Socket.IO, Cloudinary image storage, Mapbox interactive maps, secure session management, hosted on AWS cloud.

Technical Skills

Programming Languages: Java, C/C++, Python, JavaScript

Frameworks & Libraries: Node.js, Express.js, React.js, Bootstrap, Tailwind CSS, Scikit-Learn

Databases: MySQL, MongoDB

Web & APIs: HTML, CSS, REST APIs, Web Services (SOAP/REST)

Other Technologies: Git, GitHub, Unix/Linux environments, TCP/IP, Distributed Systems, Large-scale System Design, Terminal, AI/ML algorithms

CS Fundamentals: Data Structures & Algorithms, OOP, Database Management System, Operating Systems, Computer Networking

Soft Skills: Problem Solving, Critical Thinking, Adaptability, Leadership, Presentation, Collaboration, Scalability Mindset

Education

Master of Computer Applications (MCA)

Chandigarh University, Chandigarh, India

Aug 2024 – June 2026

CGPA: 7.8 - first year

B.Sc. (Hons.) in Aircraft Maintenance

Sri Dev Suman Uttarakhand University, Tehri Garhwal, India

2019 – 2023

Percentage: 71.16%

Class XII (CBSE Senior Secondary)

Sri Chaitanya Techno School, Visakhapatnam, India

2017 – 2018

Percentage: 71.6%

Objective

Motivated and enthusiastic MCA student with strong full-stack development experience, specializing in scalable application design and API integration. Known for an analytical mindset, product-centric thinking, and innovation-driven development. Passionate about reshaping software with intelligence through Generative AI and modern cloud technologies. Eager to contribute by collaborating with cross-functional teams to deliver high-quality, maintainable, and impactful solutions.