

SAKSHAM MAHNOT

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Portfolio: <https://sakshamj.netlify.app/>

Results-driven MCA student (currently pursuing) with hands-on experience in full-stack web and mobile development using MERN stack, React Native, and Firebase. Proficient in API development, database optimization, and cloud integration. Proven track record of improving project efficiency by up to 40% through scalable solutions and team collaboration. Recognized for IEEE research publication, leadership roles, and academic excellence.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), Python, C, C++, XML,
Frontend & UI: React.js, HTML5, CSS3, Bootstrap, WordPress,
Backend & APIs: Node.js, Express.js, RESTful APIs, 3rd-Party API Integrations (Razorpay, India Post),
Mobile Development: React Native, Kotlin,
Databases & Cloud: MySQL, MongoDB, AWS (Compute / IAM / S3), Firebase,
Developer Tools: Git, GitHub, Postman, Figma, Canva, VS Code,
Other Competencies: UI/UX Design, Prompt Engineering, Foundational Cybersecurity, Video Editing

PROFESSIONAL EXPERIENCE / INTERNSHIPS

Full Stack Web Developer Intern: SkipWithTrips

May 2025 – present

Travel tech startup providing booking solutions

- Built and deployed MERN-stack travel platform with integrated payment APIs, reducing manual booking operations by 40%.
- Developed secure REST APIs and role-based authentication, improving response efficiency by 25%.
- Created dynamic admin dashboards using React.js/Node.js, enhancing real-time management by 30%.

Web Developer and Graphic Designer Intern: Goto Admission

Nov 2022 – Feb 2023

Educational admissions organization

- Converted static designs into responsive web pages, decreasing content update time by 60%.
- Optimized UI/UX flow with enhanced accessibility, increasing session duration by 35%.

Cyber Security Intern: Gurugram Police Cyber Cell HQ

Jun 2021 – Jul 2021

- Assisted in analyzing threat data for 15+ real-case investigations with an awareness drive impacting 500+ students.
- Participated in training on digital forensics and ethical hacking tools.

PROJECTS

a. Web Invoice (React, MySQL):

Built a dynamic invoicing system for small businesses; automated billing and reduced manual errors by 80%.

b. Expense Tracker / Plant Pal / CampusZone (Mobile Apps):

Created React Native and Kotlin apps integrating Firebase and APIs for real-time data sync.

c. Safarr an AI Travel Planner:

Automated an AI-powered travel itinerary assistant by BotPress; improved trip planning accuracy by 25%.

d. Portfolio Website / ChatGPT Clone / Airbnb Clone

Deployed full-stack applications using React, Node.js, and GitHub Pages.

e. Movie Search Portal

Implemented API-powered JavaScript applications for fetching and presenting movie details.

f. Invisible Man Project

Implemented in Python using OpenCV for computer vision, with an interactive user interface built using Streamlit.

EDUCATION

Master of Computer Application (MCA): Christ University, Delhi NCR

Aug 2024 – Present

Bachelor of Computer Application (BCA): Institute of Management Studies, Noida

Sep 2020 – Aug 2023

CERTIFICATIONS

MERN Stack: Full Stack Web Development Course from Code Karo,

Python Course: DigiSaksham (Microsoft), Intel Unnati,

Cloud Foundations certification: AWS Academy Graduate,

DevOps Course: DevOps 101: What is DevOps? and Pursuing DevOps Course Certification from Intellipaat.

ACHIEVEMENTS & AWARDS

- Research Publication (IEEE ICICV 2025): Cybersecurity Threats Detection in IoT Using Deep Learning Approach.
- Academic Awards: Excellence in MCA (Christ University) and Outstanding Performance (IMS Noida 2022).
- Leadership: Student Council Representative and Cultural Club Head: coordinated 10+ campus events.