

SAKSHAM MAHNOT JAIN

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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, Figma, 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, 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 – Oct 2025

Travel tech startup providing booking solutions

- Built and deployed MERN-stack travel platform with integrated payment APIs, reducing manual booking operations by 40%.
- Improved secure REST APIs and role-based authentication, improving response efficiency by 25%.
- Generated 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. Arihant Enterprises Invoice (React, MySQL):

Tech Stack: React.js, Node.js, Express, MySQL, Prisma ORM, JWT

- Full-Stack Architecture: Engineered a scalable ERP solution using React and Node.js, automating invoicing and gate pass workflows to replace manual processes.
- Secure Backend: Implemented JWT authentication and Role-Based Access Control (RBAC) to secure sensitive financial data and RESTful API endpoints.
- Database Optimisation: Migrated data storage to a centralised MySQL database using Prisma ORM, ensuring data integrity and faster query performance.
- Key Integrations: Integrated GST Verification APIs for real-time validation and automated PDF generation, significantly reducing data entry errors.

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

Build using React Native, Kotlin and Java apps with Firebase and API integration for real-time data sync.

- Built secure login systems using Firebase Auth and set up Firebase rules for safe data access.
- Created clean, responsive UIs with reusable components and optimised app performance.
- Integrated APIs and offline-first features using local storage.
- Configured analytics, role-based dashboards, and deployed APKs with thorough testing.

c. **Safarr an AI Travel Planner:**

Automated BotPress Travel Itinerary Assistant, an AI-powered trip itinerary assistant is 25% more accurate at making trip plans.

- Integrated BotPress chatflows with custom actions to generate dynamic, user-specific travel itineraries.
- Connected with BotPress APIs for live weather, location data, and travel recommendations.
- Planned a clean, responsive UI and optimised conversation flows for faster user interactions.
- Engineered data caching, error handling, and analytics to enhance reliability and user experience.

d. **Portfolio Website / ChatGPT Clone / Airbnb Clone**

Constructed and launched fully responsive frontend web pages based on HTML5, CSS3 and JavaScript (ES6) and displayed on GitHub Pages.

- Built interactive UI components and clean layouts following modern web design principles.
- Deployed responsive styling, animations, and streamlined navigation for a smooth user experience.
- Improved performance, accessibility, and cross-browser compatibility across all devices.

e. **Movie Search Portal**

Developed an API-based JavaScript application that retrieves and shows details on movies and has a smooth light/dark mode interface switch.

- Arranged dynamic search functionality using API integration.
- Made clean, responsive UI components with intuitive user interactions.
- Added theme-switching logic and optimised DOM updates for better performance.

f. **Invisible Man Project**

Designed a Python computer-vision-based generated effect of an Invisible Man with an interactive interface, Applied in Streamlit.

- Implemented background subtraction, masking, and real-time frame processing for the invisibility effect.
- Built a clean, user-friendly interface in Streamlit for live camera input and parameter controls.
- Enhanced performance and handled noisy frames for smooth visual output.

EDUCATION

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

Jul 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.