

Digvijay Kumar Singh

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Objective

A highly driven third-semester MCA candidate with a strong foundation in Full Stack Development (MERN, Next.js), DSA, Cloud (AWS), and DevOps (Docker, CI/CD). Eager to apply advanced problem-solving skills to build scalable software solutions in a forward-thinking startup or product-centric organization.

Core Competencies

- **Programming Languages:** JavaScript (ES6+), TypeScript, Java, C++
- **Frontend:** HTML5, CSS3, React.js, Redux, React Router, Next.js, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, RESTful APIs, JWT, Role-based Auth (RBAC)
- **Database:** MongoDB, SQL
- **Real-Time:** WebSocket (Socket.io)
- **Tools:** VS Code, Chrome DevTools, Postman
- **DevOps:** Docker, Git, GitHub, GitHub Actions (CI/CD)
- **Deployment:** AWS EC2, Netlify, Vercel
- **DSA:** Arrays, Strings, Trees, Graphs, DP, Sliding Window, Binary Search
- **CS Fundamentals:** OS, DBMS, Computer Networks, System Design Basics
- **Additional Skills:** OOP, Agile, Responsive Design, API Documentation, Problem Solving

Illustrative Projects

E-Commerce Admin Dashboard

- **Tech Stack:** React.js, TypeScript, Chart.js, Tailwind CSS, JWT, RBAC
- Created a dynamic administrator dashboard that includes order analytics, role-based access control, product administration as well as verification.
- Real-time data visualization was implemented, and JWT was integrated for secure session handling making use of Chart.js
- [GitHub](<https://github.com/yourrepo/chat-app>) | [Live](<https://yourapp.vercel.app>)

Live Blog Editor (Markdown)

- **Tech Stack:** React.js, Tailwind CSS, Markdown, JWT
- For safe publishing, a responsive blog editor with real-time preview, Markdown support, and user authentication was created.
- JWT was utilized to control session-based access to blog operations, and Tailwind was used for user interface.
- [GitHub](<https://github.com/yourrepo/chat-app>) | [Live](<https://yourapp.vercel.app>)

Real-Time Chat Application

- **Tech Stack:** MERN Stack, Socket.IO, JWT, MongoDB, Express.js
- Built a full-stack real-time chat platform that allows for online/offline status, typing indicators, and group and private messaging.
- Socket.IO was implemented for secure login based on JWT and WebSocket communication.
- [GitHub](<https://github.com/yourrepo/chat-app>) | [Live](<https://yourapp.vercel.app>)

Resume Parser Tool

- **Tech Stack:** Node.js, Express.js, Multer, pdf-parse, JSON
- In order to extract important information from uploaded PDF resumes and transform it into structured JSON format, a resume parsing backend was engineered.
- Multer was used as an internal automation tool for quick screening and for file uploads.
- [GitHub](https://github.com/yourrepo/chat-app) | [Live](https://yourapp.vercel.app)

Internship Experience

Software Development Intern — Java Full Stack + DSA

ABC Institute (as part of MCA Internship) · Aug 2025 – Aug 2025

- Through practical modules, learned the fundamentals of Java's Full Stack (Spring Boot, MySQL, HTML/CSS)
- Created mini projects using REST APIs and MVC architecture
- Used Java to practice fundamental DSA concepts (arrays, recursion, and OOPs)
- Worked with Git and collaborated on assignments under mentorship

Academic Background

- **Master of Computer Applications (MCA)** | IIMT GROUP OF COLLEGES, Greater Noida, UP
- Anticipated Graduation: May 2026
- Important Coursework: Data Structures and Algorithms, Database Management Systems, Operating Systems, Software Engineering Principles, Web Technologies
- Academic Performance: 8.22 (till now)

Certifications

- **Generative AI: Introduction and Applications – IBM via Coursera (Jul 2025)**
[Certificate] (<https://coursera.org/verify/IZJG7CO1IKEL>)
 - **MongoDB Basics Certification – MongoDB University**
[Certificate]
 - **Docker Essentials – KodeKloud**
[Certificate]
 - **AWS Cloud Practitioner – Amazon Web Services (AWS)**
[Certificate]
 - **React Developer Certification – Scrimba**
[Certificate]
 - **TypeScript for beginners– Microsoft learn**
[Certificate]
 - **JavaScript Algorithms and Data Structures – freeCodeCamp**
[Certificate]
- Additionally earned certifications in Frontend Libraries, APIs, and Responsive Design from freeCodeCamp.

Achievements

- Solved 120+ DSA problems on LeetCode & GFG
- Currently solving Striver's SDE Sheet
- Built 6+ full-stack apps with real-world features & deployment
- Obtained certifications from IBM, AWS, MongoDB, Microsoft, and more