

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, 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 & Problem Solving:** Arrays, Strings, Recursion, OOPs basics
- **CS Fundamentals:** OS, DBMS, Computer Networks, System Design Basics
- **Additional Skills:** Responsive Design, Agile workflow, API usage

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

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.

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.

Internship Experience

Web Development Intern — Frontend Developer
Internpe (Virtual Internship) | Jul 2025 – Aug 2025

- Developed a GUI-based Calculator Application with basic arithmetic operations using JavaScript, HTML, and CSS.
- Built a To-Do List App enabling users to add, edit, and delete tasks using JavaScript with interactive UI.
- Created an interactive Connect 4 Game, implementing game logic, win conditions, and dynamic UI using JavaScript.
- Designed a responsive E-commerce Website (frontend) with product listing, shopping cart functionality, and user interactivity using HTML, CSS, and JavaScript.

Web Development Intern

Codsoft (Virtual Internship) | Aug 2025 – Sep 2025

- Developed a personal portfolio website using HTML & CSS, including sections for About, Skills, Projects, Resume, and Contact.
- Designed a responsive landing page, emphasizing layout, alignment, and visual design using HTML & CSS.
- Built a basic calculator supporting addition, subtraction, multiplication, and division using JavaScript, HTML, and CSS.

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)
- MongoDB Basics Certification – MongoDB University
- AWS Cloud Practitioner – Amazon Web Services (AWS)
- React Developer Certification – Scrimba
- TypeScript for beginners– Microsoft learn
- JavaScript Algorithms and Data Structures – freeCodeCamp
- 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