GAGAN KUKAL

Full stack developer | MERN

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CAREER OBJECTIVE

Motivated BCA undergraduate at Christ University with a strong focus on Full Stack Web Development using the MERN stack (MongoDB, Express.js, React, Node.js). Skilled in JavaScript, HTML, CSS, and core computer science fundamentals, with practical exposure to building dynamic and responsive web applications. Actively learning backend API development, frontend frameworks, and deployment workflows to deliver scalable solutions. Alongside web development, possess foundational knowledge in Data Science and Analytics, including Python, SQL, data cleaning, exploratory data analysis, and visualization techniques. Seeking a Web Developer Intern role to gain hands-on industry experience while leveraging both web development and analytical skills to contribute to modern, data-driven applications.

EDUCATION

Bachelor of Computer Applications (BCA), Christ University, Delhi NCR   07/2026 – 07/2026
Expected Graduation: July 2026 Delhi   Delhi

TECHNICAL SKILLS

Programming Languages
- Python
- Java
- SQL

Frontend
- HTML5, CSS3, JavaScript (ES6+)
- React.js (components, hooks, state management)
- Responsive Design (Flexbox, Grid, Bootstrap/ Tailwind CSS)

Development Practices & Methodologies
- RESTful API design
- Basic understanding of MVC architecture
- Debugging & troubleshooting skills
- Agile/Team collaboration basics

Computer Science Fundamentals
- DBMS
- Computer Networks
- Operating Systems

Tools & Workflow
- Git & GitHub (version control, collaboration)
- Postman / Thunder Client (API testing)
- VS Code (IDE familiarity)
- Deployment (Heroku, Netlify, Vercel, or basic AWS knowledge)

Libraries & Tools
- Pandas
- NumPy
- Matplotlib
- Jupyter Notebook
- MS Excel (Basic)

Database
- MongoDB (CRUD operations, schemas, Mongoose ORM)
- Basic SQL knowledge

Data Science & Analytics
- Data Cleaning & Preprocessing
- Exploratory Data Analysis (EDA)
- Basic Statistics
- Data Interpretation

Backend
- Node.js (server-side programming)
- Express.js (REST APIs, middleware, routing)
- Authentication & Authorization (JWT, sessions, cookies)

LANGUAGES

- English

INTERESTS

- Learning New Technologies
- Cybersecurity Basics
- web development

COURSES & LEARNING

Computer Networks Fundamentals, *David Bombal, Udemy*   Present
Ongoing

The Complete Full-Stack Web Development Bootcamp
Completed

PROJECTS (ACADEMIC / PRACTICE)

Exploratory Data Analysis on Sample Dataset
Performed data cleaning and preprocessing using Python Conducted exploratory analysis to identify trends. and patterns Visualized insights using Matplotlib Strengthened understanding of real-world data handling (Projects based on self- learning and academic practice)

SOFT SKILLS

Analytical Thinking

Problem Solving

Good Communication Skills (English)

Fast Learner

Team Collaboration

Certificates

- web development bootcamp by Dr.Angela Yu (UDEMY) ⬀
- Introduction to Data Science Cognitive Class (IBM initiative) — Completed November 2025 ⬀

Git Profile & Projects

Git Hub Project Link(drum-kit) ⬀, *Interactive Drum Kit Web App – Built using HTML, CSS, and JavaScript to demonstrate DOM manipulation, event handling, and audio integration.*
Designed and deployed a browser-based Drum Kit application that allows users to play percussion sounds through keyboard inputs and button clicks. Built with HTML, CSS, and JavaScript, the project demonstrates DOM manipulation, event-driven programming, and audio integration. Enhanced user experience with responsive styling and intuitive controls, showcasing practical front-end development skills and interactive web design.