

# KARTIKEY KUSHAGRA

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## OBJECTIVE

I am a Full Stack Web Developer with experience in building dynamic, end-to-end web applications, a strong grasp of Data Structures and Algorithms, and practical knowledge of machine learning. I am eager to contribute to impactful projects and further develop my skills through an internship opportunity.

## EDUCATION

**B.Tech in Computer Science**, Manipal University Jaipur

Expected 2027

CGPA: 8.63

**Relevant Coursework:** DSA, OOPS, Operating Systems, Computer Networks, RDBMS, Computer Organization and Architecture.

**Class XII in PCM with Computer Science**, St. Francis' College

2009 – 2023

X Board Result: 97.2%

XII Board Result: 85.6%

## SKILLS

<b>Languages</b>	Java, HTML, CSS, JavaScript, Bootstrap, C, Python, MySQL, MongoDB
<b>Frameworks</b>	React, Servlets, JavaServerPages, Spring, SpringBoot, Numpy, Pandas, Matplotlib
<b>Tools</b>	Git, Github, VS Code, Eclipse IDE, MATLAB, IntelliJ IDEA, Spring Tool Suite, Jupyter Notebook
<b>Soft Skills</b>	Adaptability, Coordination, Quick Learner, Leadership, Goal-Oriented Mindset, Teamwork, Critical Thinking

## EXPERIENCE

**Backend Development Intern**

May 2025 – Present

Precursor Info Solutions

Lucknow, UP

- Developing server-side components using Java, Spring Boot, and Thymeleaf, with integration of SQL databases via JPA and ORM.
- Working on backend logic, form processing, and RESTful data handling to support full-stack application features.

**Full Stack Web Development Intern**

May 2024 – July 2024

Precursor Info Solutions

Lucknow, UP

- Gained hands-on experience in web development and MySQL, designing and deploying functional websites.
- Collaborated with teams to develop projects while enhancing technical skills with industry-relevant tools.

**Web Development Co-Lead**

September 2024 – Current

Google Developer Student Clubs, MUJ

Rajasthan, Jaipur

- Led the development and maintenance of the official [GDG website](#), ensuring seamless functionality for a community of over 500+ active members.
- Organized workshops and hackathons to foster learning, innovation, and collaboration in web development and emerging technologies for 300+ students.

## PROJECTS

**Spring Boot Microservices Suite** ([View on GitHub](#), **Tech Stack:** Spring Boot, MySQL, HTML, CSS, JS, Thymeleaf): Developed **40+ RESTful APIs** with layered architecture and integrated Thymeleaf for server-side rendering. Implemented authentication, CRUD operations, and third-party API consumption to build scalable backend services.

**Samadhan – Grievance Classification System** ([View on GitHub](#), **Tech Stack:** HTML, CSS, JavaScript, React): Built a responsive and intuitive frontend using React for streamlined grievance submission and tracking. Designed interactive UI components, ensured **100% form validation coverage**, and integrated OTP authentication via SMTP with TLS encryption for secure access.

**MEDICHECK – Symptom Checker Web Application** ([View on GitHub](#), **Tech Stack:** HTML, CSS, JavaScript, Machine Learning (KNN), NumPy, Pandas, Matplotlib): Developed a web application predicting potential diseases using a KNN model with over 85% accuracy. Enhanced UX via responsive design and optimized the ML pipeline for timely and reliable preliminary diagnosis.

## LICENSES & CERTIFICATIONS

**Data Structures & Algorithms** [CodeChef](#)

**Database Design, Foundations and Programming with SQL** [Oracle](#)

**Object Oriented Programming Using Java** [GeeksforGeeks](#)

**Machine Learning Specialisation by Andrew Ng** [Coursera](#)

**Data Structures and Algorithms using Java** Indian Institute of Technology, Madras

## HONORS AND AWARDS

Dean's List Excellence in Academics (9+ GPA for 2 consecutive semesters) – [Certificate](#)

Top 5 out of 50 teams in Bit-To-Byte hackathon (IEEE)

Shortlisted for Nationals in Smart India Hackathon 2024 out of 250+ teams, representing Manipal University Jaipur — organized by the Ministry of Education's Innovation Cell and AICTE.– [Certificate](#)

## EXTRA-CURRICULARS

**Head of Events, Anova MUJ (2024-25)**. Led and organized multiple large-scale events, engaging over 500 students and professionals. Successfully collaborated with industry leaders like Deloitte to drive participation and ensure seamless execution, enhancing Anova MUJ's campus impact and outreach.