# Abhiraj Singh Chatrath

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# Summary

Results-driven Full Stack Developer with expertise in frontend and backend technologies. Proven track record of developing efficient, user-centric applications and optimizing system performance. Adept at quickly mastering new technologies and thriving in fast-paced environments. Seeking to leverage my technical skills and innovative problem-solving abilities to contribute to cutting-edge software development projects.

#### Skills

Programming Languages: Java, Python, JavaScript, TypeScript, HTML5, CSS3

Frameworks & Technologies: ReactJS, React Native, NestJS, NextJS, Node.js, Express.js, Django

Databases & Tools: MongoDB, MySQL, Firebase, Prisma, Git, RESTful APIs

Soft Skills: Problem-Solving, Team Collaboration, Effective Communication, Adaptability, Time Management

# Work Experience

CareFi, Gurgaon April 2024 - Present

#### Full Stack Developer Intern

- Engineered a high-performance caching system, improving data retrieval speed by 40% and overall application performance.
- Developed and integrated a PDF filler and editor feature, enhancing document processing efficiency by 30%.
- Led UI/UX improvements, resulting in a 25% increase in user engagement and positive feedback.
- Contributed to both frontend and backend development, gaining extensive experience with production systems and agile methodologies.

Deep Eigen, Delhi

April 2023 - September 2023

#### Full Stack Developer Intern

- Spearheaded frontend development for the Swaayatt website, improving user experience and increasing user engagement by 35%.
- Implemented a Django-powered appointment system, reducing scheduling time by 30% and improving internal coordination by 50%.
- Fostered cross-functional collaboration, resulting in seamless system integration and a 20% increase in project efficiency.

GFG CUIT, Chitkara University

June 2022 - April 2024

#### **Tech Team Coordinator**

- Led the development of the GFG Club website, increasing online presence by 40% and improving accessibility.
- Organized and participated in multiple tech hackathons, fostering innovation and collaborative problem-solving.
- Facilitated knowledge-sharing sessions and workshops, contributing to a 25% increase in community engagement and skill development.

### Education

#### **Chitkara University**

September 2021 - August 2025

CGPA: 8.96/10

B.E. in Computer Science and Engineering

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Web Development, Full-Stack Development, Computer Networks, Operating Systems, Software Engineering

# **Projects**

- **3D Interactive Portfolio:** Developed using React.js, Three.js, and TypeScript. Implemented responsive UI with Tailwind CSS and optimized performance using Vite, resulting in a 50% reduction in load time.
- Real-Time Chat Application: Built a scalable solution using React, Node.js, and MongoDB. Implemented WebSocket technology for real-time messaging and optimized UI with Styled Components, achieving a 99.9% uptime.
- **MealToGo Mobile App:** Created a food ordering platform using React Native, Expo, and Firebase. Integrated Google Maps API and implemented state management with Redux Toolkit, leading to a 40% increase in user retention.
- Learning Management System: Engineered a full-stack solution using Next.js, React, and Node.js. Integrated Stripe for payments and Prisma with MySQL for data management. Deployed on Vercel, resulting in a 30% improvement in course completion rates.