

# Aarav Mehta

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## Career Objective

Motivated Software Developer Intern seeking opportunities to apply programming expertise in real-world projects. Passionate about problem-solving, clean code, and building scalable software solutions.

## Education

- B.Tech in Computer Science - IIT Delhi (2021 - Present)

## Technical Skills

**Programming Languages:** Java, Python, C++, JavaScript

**Web Development:** HTML, CSS, React, Node.js, Express.js

**Database Management:** MySQL, MongoDB, Firebase

**Version Control & DevOps:** Git, GitHub, Docker

**Software Development Concepts:** OOP, Data Structures & Algorithms, API Development

## Projects

### ◆ Online Code Compiler (*Node.js, Docker, Express.js*)

- Built a web-based compiler supporting multiple languages with real-time execution. Optimized execution time and memory management using Docker containers.

### ◆ Personal Portfolio Website (*HTML, CSS, JavaScript, React*)

- Designed a fully responsive personal website showcasing projects, blogs, and resume. Enhanced user experience using animations and dynamic content.

### ◆ E-commerce Web App (*MERN Stack: MongoDB, Express.js, React, Node.js*)

- Developed a scalable full-stack e-commerce platform with user authentication and payment gateway integration. Implemented efficient product search and recommendation features using Firebase.

### ◆ Chat Application (*Socket.io, React, Firebase*)

- Designed a real-time chat app supporting private and group messaging. Integrated Firebase authentication for secure login and data storage.

## Internships / Work Experience

### ✂ Software Developer Intern – TechSavvy Solutions (*May 2023 - July 2023*)

- Developed dynamic web components for enterprise applications using React & Node.js..
- Optimized API performance and reduced load time by **30%** through efficient database queries.

### ✂ Backend Development Intern – XYZ Technologies (*Dec 2023 - March 2024*)

- Worked on API development and database management using Express.js & MongoDB.
- Implemented security best practices to prevent vulnerabilities in web applications.

## Certifications

📜 Java Programming – Coursera 📜 Git & GitHub Essentials – Udemy 📜 Full Stack Web Development – Udacity 📜 Data Structures & Algorithms – GeeksforGeeks

## Achievements

🏆 Top 5% in CodeChef programming contests 🏆 Built an open-source library with 500+ GitHub stars 🏆 Finalist in Hackathon – Web3 Innovation Challenge