# Sheetal Kumar Jain

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## About Me

Aspiring Software Engineer with a focus on backend systems and scalable web development, currently enrolled in an Integrated M.Tech (Computer Science). During my internship at Aviso AI, I contributed to backend infrastructure improvements and API integration enhancements. Proficient in Java, Node.js, React.js, MongoDB, and Express.js. I have a strong foundation in data structures and algorithms, and I'm keen to apply my skills to enterprise-grade software systems.

## Technical Skills

**Programming Languages:** Python, Java, JavaScript, HTML, CSS
**Data Structures & Algorithms**
**Frameworks and Technologies:** React.js, Git, GitHub, Node.js, Express.js, Tailwind CSS (Intermediate)
**DataBases:** SQL, MongoDB

## Education

**VIT Bhopal University**                                                      Bhopal, Madhya Pradesh
Integrated M.Tech in Computational and Data Science (GPA: 8.83/10.00)          **2022–2027**

**Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Design and Analysis of Algorithms, Operating Systems, Databases, Computer Networks

## Work Experience

**Aviso Ai | Backend Intern**                                                  *Jan 2025 – July 2025*
• Fixed bugs and optimized existing backend code for improved performance.
• Assisted in implementing small coding tasks to enhance backend functionality.
• Read and analyzed various APIs to improve integration efficiency.

**Technologies:** Django, Python

## Projects

**ChatApp** (Website Link)                                                     (GitHub Link)
• Developed a real-time chat application using the MERN stack, Socket.io, Tailwind CSS, and DaisyUI, implementing JWT-based authentication and authorization to secure user sessions.
• Implemented real-time messaging, online user status tracking, and optimized API integrations to deliver a scalable, high-performance communication platform.

**Tech Stack:** Tailwind CSS, React.js, MongoDB, Express.js, Node.js, Socket.io, DaisyUI

**Expense Tracker** (Website Link)                                             (GitHub Link)
• Architected and implemented a full-stack expense tracker using Node.js, Express, and MongoDB/Mongoose with RESTful CRUD endpoints, and integrated interactive pie-chart visualizations for real-time spending insights.

**Tech Stack:** Tailwind CSS, React.js, MongoDB, Express.js, Node.js

**VITyarthi**
• Collaborated with a VIT Bhopal professor to design and develop a comprehensive Java course for the VITyarthi platform, creating interactive data-input slides and coding lectures that seamlessly integrate theory with hands-on exercises.

**WeatherVue** (Website Link)                                                  (GitHub Link)
• Created a real-time weather website for instant access to weather info without signup.

**Tech Stack:** React.js, Vanilla CSS