

# Soham Swarup Dutta

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## EDUCATION

### Vellore institute of technology

B. Tech, Computer Science and Engineering - CGPA: 8.97

Vellore, TN

2023 – 2027

## EXPERIENCE

### Junior Core Committee member

July 2024 – July 2025

VIT Vellore Club

Center for social entrepreneurship and development

- \* Coordinated planning and execution of workshops and events focused on social entrepreneurship and innovation
- \* Collaborated with cross-functional teams to manage logistics, outreach, and participant engagement
- \* Assisted in designing and curating content for entrepreneurship-focused learning sessions
- \* Contributed to ideation and evaluation of student-led social impact projects
- \* Supported core committee members in operational and administrative activities of the club

## PROJECTS

### Expense Tracker | MongoDB, Node.js, Express.js, React

- Developed a full-stack expense tracking web application using the MERN stack
- Implemented RESTful APIs with Node.js and Express.js for managing user expenses
- Used MongoDB for persistent storage of transactions with proper schema design
- Built a responsive React frontend with state management for real-time expense updates
- Enabled CRUD operations for expenses and basic data visualization of spending patterns

### University Website Frontend | HTML, CSS, JavaScript

- Recreated the university website frontend using semantic HTML and modern CSS layouts
- Implemented advanced JavaScript for interactive components and dynamic UI behavior
- Focused on responsive design to ensure compatibility across devices and screen sizes
- Improved UI consistency and user experience by closely following real-world design patterns

### Netflix Clone | React, JavaScript, CSS

- Built a Netflix-inspired streaming platform UI using React and component-based architecture
- Implemented dynamic content rendering and reusable components for scalability
- Designed a responsive layout closely matching the original Netflix user interface
- Strengthened understanding of React hooks, state management, and frontend performance

## CERTIFICATIONS

### The Complete Full-Stack Web Development Bootcamp | Udemy

July 2025 – September 2025

## TECHNICAL SKILLS

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

**Web Technologies:** HTML, CSS, React, Node.js, Express.js, Tailwind CSS, Bootstrap

**Databases:** PostgreSQL, MongoDB

**Developer Tools:** Git, GitHub, VS Code