

# Ayushman Tiwari

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## EDUCATION

### Institute of Engineering and Management

Bachelor of Technology(B.Tech)- Computer Science and Engineering

CGPA: **8.69**

Aug 2023 – May 2027

## EXPERIENCE

### Chitragupta Urban Tech

Software Engineering Intern

June 2025 – July 2025

Bengaluru, India

- Engineered and enhanced geospatial visualization modules, **accelerating municipal property assessment workflows by 10%** through efficient data access.
- Built interactive UI components for advanced search, filtering, and status management using **React and Material-UI**.
- Spearheaded the development and implementation of custom filtering logic within React-based data tables, **decreasing data review time by 15%** and increasing the speed of municipal property assessments.
- Optimized data models to improve user experience, **reducing data retrieval time by 20%**.

## PROJECTS

### Mentora | Next.js, JavaScript, PostgreSQL, Tailwind CSS, Prisma, Gemini API

[Website](#) | [GitHub](#) | Oct 2025

- Developed a scalable web application using Next.js, supporting over **100+ users** for AI-powered career coaching.
- Implemented user authentication and onboarding flows with Clerk, **reducing onboarding time by 40%** and improving user retention.
- Designed and integrated AI-driven features, **automating career insights** and quiz generation for users tailored to their resumes.
- Managed relational data models and migrations with Prisma and PostgreSQL, **reducing query response times by 25%**.

### Juno | React.js, JavaScript, PostgreSQL, Tailwind CSS, Clerk

[Website](#) | [GitHub](#) | Sept 2025

- Launched Juno, a platform enabling **200+ college students** to discover, apply for, and track open positions across **12+ campus clubs**, streamlining campus engagement.
- Architected advanced search and filtering features (by keywords, category, skills) to help students efficiently find relevant club opportunities, **improving user satisfaction by 40%**.
- Delivered club-side tools for posting and managing openings, resulting in a **60% increase** in club recruitment efficiency and application management.
- Crafted user-centric features such as application tracking and opportunity saving, boosting **repeat user engagement by 35%** and simplifying the application process.

### Ecstasia | Next.js, TypeScript, PostgreSQL, Tailwind CSS, Prisma, Clerk

[Website](#) | [GitHub](#) | Feb 2025

- Spearheaded development of a responsive web application for a college fest using Next.js, building **10+ reusable UI components** to **increase user engagement by 20%**.
- Integrated **10+ reusable UI components** utilizing Next.js and RESTful APIs, leading to a **20% increase in user engagement** and **decreased front-end development time by 15%** for new features.
- Ensured accessibility and mobile responsiveness across **95%+ of devices** and browsers, optimizing performance and user experience for over **2,000+ website visitors**.

## TECHNICAL SKILLS

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

**Tools & Frameworks:** Next.js, React.js, Node.js, Express.js, EJS, jQuery, RESTful APIs

**Databases:** PostgreSQL, MySQL, MongoDB

**Developer Tools:** Git, GitHub, Docker

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, OOP, DBMS, Machine Learning

## ACHIEVEMENTS

- Advanced to **Round 2 of TCS CodeVita Season 13**, placing in the **top 5%** of participants globally.
- Secured a **SWE Internship** at Chitragupta Urban Tech (off-campus).
- Solved **300+ problems** on Data Structures and Algorithms across platforms like TUF+, LeetCode and GeeksforGeeks.
- Winner** of Technologia Hackathon at UEM Kolkata.