

GAUTAM

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Education

Manipal Institute of Technology [MIT]

2024 – Present

Bachelor of Technology - Computer Science (CGPA: 8.77)

Udupi, India

- **Relevant Coursework:** Data Structures, Algorithms & Analysis, OOP, Computer Architecture, Database Systems, Embedded Systems

Dr. T.M.A Pai Polytechnic

2022 – 2024

Diploma - Computer Science (CGPA: 9.93)

Udupi, India

- **Coursework:** Full Stack Development, Operating Systems, Python, DBMS, Java OOP

Pre-University & High School

2019 – 2022

Class XII (97.69%) — Class X (95%)

Udupi, India

Technical Skills

Programming Languages: Python, JavaScript, TypeScript, C/C++, Java

Web Technologies: React.js, Next.js, Node.js, Express.js, Angular.js, HTML5, CSS3, Tailwind CSS, Bootstrap

Databases: MongoDB, PostgreSQL, MySQL, Firebase, Neon

Tools & Technologies: Git/GitHub, Docker, Postman, VS Code, Jupyter Notebook, Vercel, NLP (spaCy)

Operating Systems: Windows, Linux

Projects

Smart Campus Network Design | *Cisco Packet Tracer, Cisco IOS CLI, Python HTTP Server, EIGRP, VLANs, EtherChannel, IPsec*

- Designed and implemented a university campus network with separate VLANs for each block, dynamic routing (EIGRP), inter-VLAN routing, and port security using enterprise-grade Cisco tools.
- Tested connectivity and security via application-layer services (web server, chat), and compliance with real-world networking best practices.

AI Resume Parser + Job Finder | *React, Flask, Node.js, NLP*

- Developed full-stack app using **NLP (spaCy, pdfminer)** to extract resume data and fetch matching jobs via Jooble API
- Built responsive UI with React & Tailwind CSS, supporting PDF/DOCX/TXT uploads with JSON export functionality

Real Estate Platform | *React.js, Node.js, Express.js, MongoDB, Prisma, Socket.io, JWT, SCSS, Cloudinary, Stripe, Vercel, Zustand*

- Full-stack property marketplace with authentication, CRUD for listings, chat, notifications, user dashboard, real-time messaging, and secure payments using Stripe.
- Utilized advanced tech including custom REST API, socket-based messaging, profile images with DiceBear, file uploads via Cloudinary, and an integrated map/search experience.

Experience & Leadership

IE-ENC Web Development Club

2024 – Present

Management Committee Member

Manipal Institute of Technology

- Conducted **React.js/Next.js workshops** for students, mentoring peers in web development
- Assigned monthly tasks to working committee, improving club's technical project output

Full Stack Development (Academic Project)

2024

Final Year Diploma Project

Dr. T.M.A Pai Polytechnic

- Completed extensive **MERN stack** coursework and developed production-ready freelancing application

Volunteer Experience & Activities

Event Organizing & Volunteering

Manipal Institute of Technology

- **Revels Festival:** Logistics & Finance team member for cultural festival with 10,000+ attendees
- **TechWeek:** Organized speaker events and led advertisement campaigns, increasing participation
- **IE-ENC Volunteer:** Conducted technical workshops, mentoring 30+ students in React and Next.js