



CHONGTHAM SOUMYA

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EDUCATION

MANIPUR INSTITUTE OF TECHNOLOGY

Bachelor of Engineering in Computer Science

Takyelpat, Manipur
Expected May 2026

- Major in Computer Science; Minors in Mathematics and Psychology Cumulative GPA: 6.75 / 10.00 Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

WORK EXPERIENCE

HIVETECHS ROBOTICS.

Full-Stack Developer Intern

Imphal West, Manipur
Sept 2024 – Dec 2024

- Designed and developed a waste management website, reducing manual tracking time by 40% and improving data retrieval speed by 30%.
- Constructed front-end architecture using HTML and CSS for waste management website, achieving a 95% user satisfaction rating based on initial user testing feedback.
- Implemented MySQL for back-end functionality, managing database operations effectively.

COMMON WEALTH BANK

Data Analyst Virtual Internship (Forage)

New York, NY
Jan 2025 – Feb 2025

- Demonstrated proficiency in creating data engineering pipelines to aggregate and extract valuable insights from datasets, optimizing data-driven decision-making. Proposed and implemented data analysis strategies for social media, improving user engagement insights by 20%, and
- demonstrated the ability to design well-structured databases for efficient information management.

PROJECTS

LEMENT-AI WEBSITE

May 2025

- Developed a comprehensive AI-powered chemistry learning platform featuring a dynamic periodic table with interactive 3D atomic structure models. Hosted on lement.vercell.app
- Implemented advanced comparison tools for analyzing element properties, enhancing educational value through visual data representation and intelligent content recommendations.
- Utilized Next.js, React, TypeScript, and Tailwind CSS to build a responsive and scalable platform, with AI-driven personalized learning paths powered by Jotform AI.

MARKETPLACE WEBSITE (MOBILE-FRIENDLY)

Oct 2024

- Built a mobile-first marketplace platform with an intuitive UI, focusing on user experience and performance optimization, while integrating secure payment gateways to facilitate seamless transactions and enhance trust.
- Conducted extensive testing, including A/B testing and performance profiling, to improve user engagement, reduce bounce rates, and ensure smooth navigation across different mobile devices and screen sizes.

EXTRACURRICULAR ACTIVITIES

SMART INDIA HACKATHON (Internal Hackathon)

MIT, Manipur
Sept 2024

Won as a Team Lead

- Participated in the Internal Hackathon and won the Qualifying round from the college
- Won the Internal Hackathon as Team Leader, demonstrating leadership, innovative problem-solving, and teamwork skills.

PROTEGA

Founder & Lead Organizer

Manipur
July 2024 – Present

- Founded Protega, a growing coding club with six members, aimed at fostering collaboration and skill development.
- Organized coding sessions, knowledge-sharing events, and collaborative projects to enhance technical expertise.

ADDITIONAL SKILLS & AWARDS

Technical Skills: Python, JavaScript, React.js, Node.js, MySQL, SQL, Data Visualization (Pandas, NumPy), REST APIs, AWS, Docker, Git, Team Leadership, Problem-Solving.
Languages: English, Hindi ,
Awards: Internal Hackathon Winner as a Team Lead