

# Gautham Kasimkuppam

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## EDUCATION

**SRM University**

Bachelor of Technology in Computer Science and Engineering AI/ML

Expected May 2026

Amaravati, Andhra Pradesh

## EXPERIENCE

**Outlier AI**

Prompt Engineer Intern

December 2024-Present

Remote

- Contributed to the design and optimization of AI models for Outlier and Outlier Playground, ensuring enhanced user engagement and functionality.
- Engineered and iteratively refined AI prompts to boost generative model accuracy and relevance, achieving significant performance improvements.
- Conducted data-driven analysis and A/B testing to evaluate and optimize prompt effectiveness, aligning model outputs with user and business objectives.

**Research Intern, SRM University AP**

Full Stack Web Development

June 2024 - August 2024

Onsite

- Developing and maintaining web application using NestJS, MERN stack, and FastAPI to ensure high performance and scalability.
- Contributed to the E15 Project, which focused on designing an integrated tech platform to provide farmers with real-time market updates, price trends, and innovative techniques to enhance agricultural profitability.
- Worked collaboratively within a team under the mentorship of the Head of the Directorate of Entrepreneurship and Innovation.

**IBM Edunet**

AI ML, Deep Learning Intern

April 2024 - July 2024

Hybrid

- Developed deep learning models using frameworks like TensorFlow and PyTorch to solve complex problems in computer vision and natural language processing.
- Built end-to-end machine learning pipelines, including data collection, preprocessing, model training, and deployment for real-world applications.
- Researched and implemented cutting-edge AI techniques, such as natural language processing for text analysis and computer vision for image recognition, to address complex challenges in the education sector.

## TECHNICAL SKILLS

**Programming Languages** : C, C++, Python, Java, JavaScript, PHP, shell script, TypeScript  
**Frontend & Libraries** : HTML, CSS, JavaScript, ReactJs, Redux, Webpack, Tailwind CSS, Bootstrap  
**Backend** : JDBC, Java APIs, Microservices Architecture, Spring Framework  
**Data Bases** : MongoDB, MySQL, Oracle  
**Tools and Technologies** : Git & GitHub, Postman, Express JS, Node Js, Docker, CI/CD pipelines  
**Testing Frameworks** : JUnit5, Enzyme, Jest  
**Course Work** : Data Structures and Algorithms (Java), Object Oriented Programming (Java), Cyber Security, Probability & Statistics in CS (Python), Intro to CS II (C++), Database Management Systems, Computer Networks.

## PROJECTS

**Real-Time Chat Application | MERN Stack, Socket.IO, TailwindCSS, Daisy UI**

- Developed a real-time chat application using the MERN stack, integrating Socket.IO for instant messaging and online user status tracking.
- Implemented JWT-based authentication and authorization to secure user access, ensuring data protection and integrity.
- Built a responsive, visually appealing interface with TailwindCSS and Daisy UI, ensuring cross-device compatibility.
- Managed global state with Zustand for efficient performance and deployed the application using free hosting platforms.

## E-commerce Project | Spring Boot, MVC, Hibernate

- Developed a full-featured e-commerce application using Spring Boot, leveraging MVC architecture for a clean, modular design.
- Implemented CRUD operations for product management, user authentication, and order processing with Hibernate for data persistence.
- Integrated REST APIs to handle client-server communication and ensure seamless interactions with the frontend.
- Focused on scalability and maintainability, providing a robust foundation for further enhancements and real-world deployment.

## ACHIEVEMENTS

- **Data Structure Algorithms(DSA)** : Solved over 200 problems on LeetCode, GFG.
- **Competitive Programming** :Ranked among the Top 30 in university-level CP contests
- Secured All India 1372 Rank in **Naukri NCAT**, Silver Medalist (**NPTEL Python**)
- **Google Looker Hackathon (Semi-Finalist 2024)**, Participated in **Unfold 23**