Gautham Kasimkuppam

+91 6300129133   gautham0279@gmail.com   gauthamk   gautham8325   Gautham

EDUCATION

SRM University   Expected May 2026
*Bachelor of Technology in Computer Science and Engineering(**GPA:8.5/10.00**)*   *Amaravati,AndhraPradesh*

EXPERIENCE

Research Intern,SRM University AP   June 3rd 2024 - July 31st 2024
Full Stack Web Development
- 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   April 2024 – July 2024
AI ML ,DeepLearning Intern   *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, PHP,shell script,TypeScript
Operating Systems   :Mac, Linux, Windows
Java Frameworks   :Core Java,Spring Boot , Java API , Microservices, JDBC, Spring Frameworks
Web Development   : HTML,CSS ,JavaScript,ReactJs,Tailwind CSS
Tools and Technologies. :Git & GitHub, Postman, ,FastAPI, PostgreSQL, MongoDB, Express JS, Mern Stack ,SQL
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, ComputerNetworks .

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)**