SANJAY KUMAR TIRUMALA

Software Developer | Backend Systems | Prompt Engineering | Agile Methodologies

📞 8688114046 @ sanjaykumar231tirumala@gmail.com 🔗 https://www.linkedin.com/in/sanjaykumartirumala

📍 Yernagudem

SUMMARY

Software Developer with experience in backend systems development and prompt engineering, expert in Java Spring Boot and RESTful API integration. Key achievements include enhancing application speed by 50% through Java optimizations and designing prompts with a 90% effectiveness rate for language models. Seeking a Software Developer position at [company name], where my backend systems development and prompt engineering skills can support your mission of delivering innovative, high-performance solutions.

EXPERIENCE

Prompt Engineer
Outlier
📅 12/2024 - 04/2025

Freelancing

- Designed high-quality prompts that acquired desired responses from language models
- Iterated on prompts to improve their effectiveness, efficiency, and accuracy
- Evaluated prompt performance using various metrics and refined them based on results
- Continuously updated knowledge of language models, their capabilities, and limitations

Java Full Stack
Datavalley
📅 01/2024 - 04/2024

Internship

- Built robust back-end services using Java Spring Boot for data processing and retrieval
- Collaborated with front-end developers to integrate RESTful APIs for seamless communication
- Using agile methodologies for continuous testing and deployment, improving system performance
- Contributed to database design and optimization for efficient data storage and retrieval

EDUCATION

B.Tech in Computer Science
Swarnandhra Institute of Engineering and Technology
📅 09/2020 - 04/2024

12th in MPC
Sasi junior College
📅 06/2018 - 03/2020

10th
Sasi English Medium High School
📅 06/2017 - 03/2018

KEY ACHIEVEMENTS

💎 **Improved Application Speed**
Enhanced application speed by 50% through Java optimizations.

💎 **Effective Prompt Design**
Designed 10 prompts with 90% effectiveness rate for language models.

💎 **Led Successful Projects**
Led a team to complete 3 projects within 4 months.

💎 **Uptime Improvement Success**
Increased system uptime by 99.9% using robust backend services.

LANGUAGES

English
Proficient ●●●●○

Hindi
Intermediate ●●○○○

SKILLS

Agile CSS3 GitHub HTML5

Core Java Java Java Spring

JavaScript MongoDB Python React

REST SpringBoot Node.js SQL

Responsive Web Designing

PROJECTS

Web Developer
📅 01/2024 - 01/1970

Achieving secure, universal, and fine-grained query results verification for a secure search scheme over encrypted cloud data

- Collaborated with the development team to design and implement secure search features for encrypted cloud data
- Using HTML, CSS, and JavaScript to create interactive and user-friendly web interfaces for the secure search scheme
- Worked on fine-grained query result verification to ensure data integrity and confidentiality in the search process
- Contributed to achieving universal compatibility of the search scheme across different platforms and devices