Swetabh Suman
Software Engineer

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Summary

As a Software Engineer driven by a passion for crafting cutting-edge, user-friendly solutions, I excel in both front-end and back-end development, ensuring seamless user experiences and robust system architectures. As a lifelong learner, I tackle challenges through a blend of smart work and dedication. By integrating GenAI technologies, I create intelligent applications such as Retrieval-Augmented Generation (RAG) systems using large language models like OpenAI, Google Gemini, and other open-source models, continuously pushing the boundaries of innovation.

Experience

DataGrokr Analytics Pvt. Ltd.   January 2022 - Present
Software Engineer   Bengaluru, Karnataka, India

- Developed and maintained web applications using Node.js, JavaScript, HTML, and CSS.
- Successful migration of a **monolithic** architecture to a **micro-services** based architecture, significantly improving scalability, flexibility, and performance.
- Developed responsive and high-performance user interfaces using ReactJS.
- Wrote clean, maintainable code following best practices and conducted thorough testing to ensure reliability.
- Managed source code using GIT and implemented continuous integration with Jenkins.

DataGrokr Analytics Pvt. Ltd.   July 2021 - December 2021
Software Engineer (Intern)   Bengaluru, Karnataka, India

- Implemented responsive design principles for seamless user experiences.
- Developed RESTful APIs using Express.js for accelerated reporting.

Skills

- **Languages**: JavaScript, TypeScript, Python, HTML5, CSS3, SQL
- **Frameworks/Libraries**: ReactJS, Redux, NodeJS, Angular, ExpressJS, Flask, Chalice
- **Tools and Technologies**: RESTful APIs, CI/CD(Jenkins), Jest, Enzyme, React testing library, MySQL, GraphQL, Gen AI
- **Cloud Service:** Amazon Web Services (AWS)

Education

Lovely Professional University   July 2017 - May 2021
Computer Science and Engineering   Bachelor of Technology

Projects

Chrome Plugin for Tab Recording and Video Analysis Playground   June, 2024 - Aug, 2024

- Developed a Chrome plugin that allows users to record their browser tab as a video and provides a playground where users can ask questions related to video frames using a large language model (LLM).
- Enhanced user experience by implementing a seamless and intuitive user interface for recording and analyzing video content directly within the Chrome browser.

Gemini llm, python, Chrome Extensions API, JavaScript, React, Sanic, GenAI

Certifications

AWS Certified Developer
Amazon - RG1WN5MCVMEEQ7K9
🔗 https://www.credly.com/badges/26613f24-ca0b-4687-b0bb-396d49eb230f/linked_in_profile

Server-sideDevelopmentwithNodeJS,ExpressandMongoDB
Coursera - HTR2B8SRGNM7
🔗 https://www.coursera.org/account/accomplishments/certificate/HTR2B8SRGNM7

Hobbies

- Learning new technology
- DIY projects
- Traveling