

Aditya Sharma

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in aditya-sharma-8966bb188

Summary

Dynamic and results-oriented software developer with over one and a half years of hands-on experience in full-time roles and six months as an intern. Adept at collaborating with cross-functional teams to achieve project milestones and deadlines. I like to stay updated with emerging technologies.

Education

B.E. BITS Pilani - Hyderabad, Computer Science

Aug 2018 to May 2022

- **Coursework:** Database Management Systems, Computer Architecture, Algorithms, Information Retrieval.

Experience

MediBuddy, SDE-1

Bengaluru, Karnataka

June 2022 - Current

- Developed and maintained multiple software projects.
- Experience in Growth and Fintech Projects
- Contributed to various cross-platform projects, ensuring seamless integration and functionality.

DELL - Research And Development, Undergraduate Intern

Bengaluru, Karnataka

Aug 2021 - Dec 2021

- Worked with video buffers and virtual machine-based end product
- Significantly improved performance of the system through optimization techniques.

Projects

BioMedical Chatbot

- A chat-based user interface to provide medical assistance to users. Leveraged Elasticsearch for data indexing and utilized state-of-the-art models including ADA2 and Microsoft's BIOMEDBERT for semantic matching of patient chat inputs. The Experimental versions include the integration of LLM.
- SvelteJS, NestJS, AWS StepFunctions, AWS Lambda, Open Search, Python, Prompt Engineering.

Unified Benefits

- Provided users with a streamlined interface to access and manage their corporate benefits, enhancing user engagement and satisfaction while maintaining strong SEO performance across platforms (Web/Android/IOS).
- NextJS, NestJS, TRPC, Typescript, Redis, AWS ECS, AWS Cloudfront, SSR, SSG, daisyUI.

Asynchronous Download Feature

- Implemented a generic system to download the requested data using Kafka and Lambda for efficient aggregation of resource consuming data, so that, client can come to the platform at any time to get back the requested data.
- Python, Kafka, AWS Lambda, Redis, AWS SES.

Unified Transaction History

- Implemented design principles to develop a unified transaction viewing platform, aggregating data from diverse sources including wallets, payment gateways, coupon codes, and sponsored purchases. By adhering to solid design principles, the project ensures a cohesive and intuitive user experience, facilitating efficient navigation and analysis of transactional data across multiple channels.
- Typescript, Express, Swagger, Object Oriented Programming, Design Principles.

Technologies

JavaScript, TypeScript, Nodejs, Nestjs, Reactjs, Nextjs, Sveltejs, SQL, Kafka

AWS: EC2, ECS, Cloudfront, Lambda, S3

SOLID Principles, Design Principles, Microservice Architecture