Anomitra Saha

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Summary

I am a backend developer with three years of experience. Over the last couple of years, I have been building backend APIs for RESTful backend web applications. I'm experienced in API design and definition, high-level system design and implementation. I am comfortable with Python and Java, and have previously worked on Spring, Django and other web frameworks.

Designing software solutions that work at scale has always been a passion for me, and I'm looking for a role which gives me the opportunity to do the same.

Experience

Software Development Engineer II at Livspace   **2019 - Present**

- ■■ As a part of the **Catalog Management** team, I am involved in the design and development of software which makes our inventory of around **40+ lakhs** of structured and unstructured items accessible to the design partners and other business stakeholders.

- ■■ For our **Business Analytics** team, I built and still continue to maintain some periodic data sync tools. These tools create **fact tables** which serve as the basis for our business intelligence reports.

Computer Scientist at Belzabar Software Design   **2016 - 2018**

- ■■ Primarily involved in designing and implementing **RESTful** backend APIs for multiple web applications.

- ■■ As a member of the backend team, I worked with the **New York State DMV** to build a **Django** web app which enables auto dealers to perform all vehicle registrations and transfer activities online, on a web application. I had considerable input over the **API design** and definition of this project.

Education

B.Tech in Information Technology from NIT Durgapur   **2012 - 2016**

Learnt about core computer science concepts, software engineering and development. Worked on several research projects during this time, and was a leading member of the **GNU/Linux Users' Group,** where we tried to popularise the use of open source software across the campus. Graduated with **distinction**, having a CGPA of **8.21**.

Personal Projects

Research Project at IIT Kharagpur

Worked on a project which solved the **shortest path problem** in Graph Theory. The goal was to design an algorithm to find the shortest possible path(s) in a multi-attribute graph. I designed and implemented the algorithm, which was then used in the Department of Architecture, IIT Kharagpur to work on real world data sets.

Skills

Programming Languages: Python, Java, Ruby

Web Technologies: Spring, Django, Django REST Framework, Ruby On Rails, Spring MVC

Developer Tools: Docker, AWS ecosystem, Gitlab CI, Jenkins CI, Celery Task Scheduler

Software Engineering: Agile, Design Patterns, Test Driven Development, SOLID principles