

Afaq Nabi

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EXPERIENCE

Software Engineer II

Sept 2024 – Present

Dotdash Meredith

Remote, CA

- Architect and develop a federated GraphQL Gateway leveraging **Apollo Federation** to seamlessly integrate data and services from multiple microservices, enabling a unified API layer.
- Designed and implemented GraphQL mutations to support complex business workflows, enabling seamless creation, updating, and deletion of resources while ensuring data consistency.

Software Engineer I

May 2023 – Sept 2024

Dotdash Meredith

Remote, CA

- Spearheaded the adoption of **GraphQL** within the team, resulting in a significant 80% improvement in load times for resource-intensive queries, enhancing overall application performance and user experience.
- Collaborated in designing the back-end infrastructure for a time-reporting application, using Typescript and **Postgres SQL** in conjunction with **TypeORM**, resulting in a more efficient user experience
- Utilized GraphQL's introspection capabilities to dynamically generate documentation and schema visualizations, improving code maintainability and facilitating better understanding and collaboration among team members.

Software Engineer Intern

May 2022 – May 2023

Dotdash Meredith

Remote, CA

- Developed and enhanced features for a workflow application using **TypeScript**, **Nest.js**, and **Vue.js** resulting in a 15% improvement in application performance.
- Played a key role in reducing technical debt within the code base, resulting in an improved user experience and a 25% decrease in development time for new features.
- Effectively managed the front-end of the application by utilizing **Pinia** stores, enhancing state management, and ensuring a responsive and efficient user interface.

Backend Engineering Student

Jan 2022 – April 2022

La-Connexional

Remote, CA

- Implemented back end **RESTful API** using **Python**, **Django** for a front end **Flutter** application
- Met regularly with product owners to go over requirements and make user stories for the team to complete
- Implemented sockets with Django for a live chatting part of the application

Software Developer Student

Sep 2021 – Dec 2021

Employment Social Development Canada

Remote, CA

- Wrote unit tests and integration tests to validate **Apache Camel** routes and Kafka streams using **Citrus simulator**
- Participate in daily Scrum meetings and use **JIRA** to track the progress of the project and collaborate within the team and with other teams
- Wrote Camel routes in order to facilitate communication between several systems

Software Engineering Intern

May 2021 – Aug 2021

MPP Software Solutions Inc.

Remote, CA

- Achieved 90% code coverage by writing unit tests using **RESTful API** and browser tests using Laravel/Dusk
- Implemented 2-factor authentication with **PHP** and **Twilio** to improve security
- Consulted with various KYC solutions providers to report the pros and cons of each one to managers

EDUCATION

University of Alberta

Edmonton, AB

Bachelor of Science with Specialization in Computing Science, Minor in Business

Sept. 2019 – Dec. 2023

TECHNICAL SKILLS

Languages: Java, PHP, Python, C/C++, MySQL, MongoDB, Sqlite, JavaScript, HTML/CSS, R, Typescript

Frameworks: GraphQL, React, NodeJS, NestJS, VueJS, Pinia, Laravel, TypeOrm, Django, Kafka, Camel

Developer Tools: Git, VS Code, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib, Selenium