

Divyalok Jaiswal

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Education

Course Name	Duration	University/Board	Percentage/CGPA
B.Tech. Polymer Science and Chemical Technology	2018-2022	Delhi Technological University	8.13 CGPA
AISSCE (Class XII)	2016-2017	CBSE	81.3%

Work Experience

Software Developer, Zebpay

June 2022 – Present

- Designed, wrote and deployed a **microservice** for real-time data transfer to the client through **sockets** using **Go**. Utilized **Redis** as the cache for initial transfer of data and **Kafka** as the data streamer.
- Rewrote and optimised the currency rate provider service written in **NodeJS** to reduce **CPU** usage by **90%** and **memory** usage by over **25%**. Took ownership and improved user sign up flow (User service), bank CRUD flow (Wallet service) by finding edge cases and removing unnecessary code written in **Go**.
- Understood the Kyc service written in **Ruby on Rails**, fixed bugs and improvised code according to product requirements.
- Wrote an **asymmetric** authentication mechanism with **JWT** for secure communication with a confidential service.
- Working on migrating exchange from legacy monolith code to a modern microservice architecture written in **Go**. Following the strangler fig pattern for the transition.
- Owned orphan order matcher code written in **C#** and integrated it within 2 weeks saving the company **\$6000**.

Software Engineering Intern, ImmunitoAI

Feb 2022 – June 2022

- Migrated code from **Python** to **C++** reducing execution time by over **80%**.
- Improved usage of data structures to reduce data duplicity and wrote algorithms to improve running time by **15%**.
- Read relevant research papers and implemented them as per business requirements.

Personal Projects

HABETH [Frontend] [Backend]

Nov 2022 - Present

- Worked on creating a web3 application for habit tracking. Added accountability partners support in the smart contract using **Solidity** along with withdrawal functionalities.
- Rewrote frontend in **ReactJS** to communicate with the smart contract using **ethers.js** and **Metamask**.
- Working on adding push notifications support using push protocol and **NodeJS**.

BOOKISH [Code]

Oct 2021 – Dec 2021

- Utilized **MERN** stack to build a **bookstore** application. Implemented features allowing users to create their accounts and store their books without any hassle. Used **ReactJS** for the front-end and **Express** for backend.
- Implemented search and filter options to allow users to search books and filter them with the genre of their choice.
- Used **react-pdf API** for displaying the books in-app for a better user-experience.

CHITCHAT [Code]

May 2021 – June 2021

- Created a **chatting** application using **Express**. Used **Socket.io** for real-time message delivery and **Axios** for data transfer and dynamic rendering. Utilized **Multer** for image upload and update.
- Implemented the **friend request system** and message storage using **Mongoose**. Used **PassportJS** for secure user-authentication and routing.

Technical Skills

Languages: C/C++, Go, Javascript, Python, Solidity

Web Development: ReactJS, NodeJS, MongoDB, PostgreSQL

Others: Git, Kafka, Redis, DBMS, Operating Systems, Design, gRPC & Protobufs

Achievements

- Got awarded twice as the **Power Performer** at **Zebpay** for going beyond expectations
- Rated **1938 (Knight)** on **LeetCode** and **1849 (4 Star)** on **CodeChef**
- Ranked **375** among **13000+** participants in **LeetCode Weekly Contest 248**
- Ranked **652** among **13000+** participants in **LeetCode Weekly Contest 251**
- Ranked **755** among **19000+** participants in **CodeChef December Long Challenge 2020**

Profiles

[LinkedIn](#) • [GitHub](#) • [LeetCode \(Practice\)](#) • [LeetCode \(Contest\)](#) • [SPOJ](#) • [CodeChef](#) • [HackerRank](#)