

HARDIK MEHROTRA

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Education

Lovely Professional University

B.Tech in Computer Science and Engineering (CGPA of 8.35)

Aug 2019 - Jul 2023

Phagwara, Punjab, India

Experience

Scienaptic AI

June 2023 – Nov 2024

Java Backend Developer

Remote

- Worked as a **solo backend developer** on **2 legacy projects**, Business Management Tool and Image Search Tool.
- Enhanced role-based access control (**RBAC**) for securing endpoints by implementing auth using **Spring Security**.
- Implemented a comprehensive **Email Notification Service** for both the projects using **SpringBoot Mail**.
- Built the **Backend services** from scratch using **JAVA 17** for the Image tool, deployed in **Databricks** environment.
- Completely **Documented** the end-to-end processes for the Business Management Tool, spanning **250** pages.
- Designed and implemented new **MySQL database design**, resolving a persistent problem that existed for **3** years.
- Introduced **Pagination** on tables with cascading filters, reducing the GET time from **100ms to 1ms**.

Scienaptic AI

Mar 2023 – May 2023

Java Backend Developer Intern

Remote

- Worked on **HP Business Management tool** as a Backend Developer Using **SpringBoot** framework of Java.
- Implemented the approach of **Caching** to optimize the average **Load time** of Web-Page **from 100ms to 10ms**.
- Optimized the Backend code of a module from **7000+** lines to **1500** lines using **OOPs** concept and Design patterns.
- Developed various modules of the project using **SpringREST** and **SpringDataJPA** modules of SpringBoot.

Bobble AI

Apr 2022 – Jul 2022

Native C++ Developer Intern

Remote

Projects

Design patterns | JAVA | OOPS | System Design| [GithubLink](#)

Dec 2022

- Implemented design of various applications, like **Cricbuzz**, **Amazon Stock Notification**, **BookMyShow**, **Snake and Ladder**, **Parking Lot**, **Vending machine** and **ATM** using object oriented programming(OOPs) in JAVA.

Word Suggestion System | C++ | CMake |

Feb 2022

- Developed a Console Based Application using **Trie** data structure, which **suggest words based on given prefix**, using data stored in **.csv** file containing words of dictionary and how frequently a word is being used.

Achievements

- Earned a **Knight** badge on **LeetCode**, i.e becoming a part of Top **2** Percent out of **300k+** candidates. [LeetCode](#)
- Ranked **2nd** out of **7000+** coders, in **Coders combat** organized by **GeeksForGeeks** and got an **I-Pad**. [GFG](#)
- Qualified till round 2 in **Facebook HackerCup 2021**, got a global rank of **1400 out of 35k+** candidates in Round 1.
- Ranked **4***, with a Highest rating of **1890** on **CodeChef** which is one of the top site for coding contests. [CodeChef](#)
- Solved **800+** problems on **LeetCode** on various **DSA** where more than **85 percent** are of **medium-hard** level.

Certifications

Full Stack Java Development

Oct 2022 – Apr 2023

iNueron

Online

Competitive Programming Using C++

May 2021 – Nov 2021

Coding Ninjas

Online

Data Structures Using C++

Apr 2020 – Jul 2020

Coding Ninjas

Online

Technical Skills

Languages :- **Advanced Java, Java, C++, MySQL**

Hands On :- **SpringBoot, MongoDB, SpringMVC, SpringDataJPA, Maven, SpringREST, Linux, Git**

Courseworks :- **Data Structures, Algorithms, Operating Systems, DBMS, System Design.**

Co Curricular Interests

- **Solo Travel:** - I travelled solo for around 7 times in last year, as it helps me gain confidence and meet new people.
- **Workout:** - I have a habit of doing workout. This habit helped me to loose **24kg** of extra weight within 6 months.
- **Gardening:** - I like to spend my free time in my garden to attain mental peace. I have more than 200 pots.