

Himanshu Garg

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SUMMARY: Seeking an entry-level position in the **IT sector** with proficiency in **C, C++, Python, Data Structures, Algorithms, OOPs, NumPy, Pandas, Data Analysis, HTML, CSS, JavaScript, Django, DBMS, SQL, PL/SQL, and Operating Systems**. Holds a **Bachelor of Engineering degree in Computer Science**, and showcases a strong problem-solving ability through solving over **500+ problems** with a 'Rank ~30' in **GeeksforGeeks**.

EDUCATION:

- | | |
|--|-------|
| • Bachelors in Computer Science Engineering Chandigarh University, Mohali 2019 - 2023 | 74% |
| • Intermediate (CBSE) Spring Dales Public School, Jagadhri 2018 - 2019 | 70.6% |
| • Matriculation (CBSE) Spring Dales Public School, Jagadhri 2016 - 2017 | 76% |

SKILLS:

- **Programming Languages:** C++, Python, Java, Data Structure and Algorithm (DSA), OOPs Concepts
- **Web Development:** HTML, CSS, JavaScript, React, Django, Bootstrap, API, Git/GitHub.
- **Database:** Database Management System (DBMS), Structured Query Language (SQL), PL/SQL, MongoDB
- **Software Development Tools:** IntelliJ IDEA, Eclipse, Dev C++, PyCharm, Visual Studio Code
- **Additional Skills:** Analytical Skills, Problem-solving skills, Communication, Team Work, Self-Motivated, Analytical Abilities

WORK EXPERIENCE:

Junior Software Developer | InstaRef

| Nov 2023 – Present |

- Developed an **Medical Test Laboratory Application** for different medical laboratory tests.
- Worked as a **Backend Developer** and daily role includes implementation of **API** for application dashboard.
- Implemented **Dashboard API** for different **Laboratory Test available** and to show user information.
- Acquired knowledge of database programming **SQL, MongoDB**.
- Tech Stack Used – **Python, FastApi, MySQL, MongoDB, Redis, Github**.

Software Developer | Kodnest

| June 2023 – Nov 2023 |

- Passionate **Java and Python** Full Stack intern with hands-on experience in developing **robust** and scalable **web applications**.
- Proficient in **Java, Spring Boot, HTML, CSS, JavaScript**, and relational databases.
- Demonstrated ability to work collaboratively in **agile teams**, delivering high-quality **solutions**.
- Eager to leverage my **skills** and contribute to innovative projects in the **software development** industry.

Software Development Intern | High Radius

| Jan 2022 – May 2022 |

- Developed an **AI-enabled FinTech B2B Invoice Management Application**
- Designed and **developed** user-friendly **web application** for **Accounts Receivable**, enhancing invoice data viewing and **analysis**.
- Implemented **data pre-processing** techniques, including **EDA** and feature engineering, for data integrity and account-level analytics.
- Proficient in **NumPy, Pandas, HTML, CSS, and JavaScript** for data manipulation, frontend development, and enhancing user experience.
- Acquired knowledge in **relational database** programming **SQL** - DML, DDL, Tables, Views, Joins, functions.

PROJECTS:

Ro-Sham-Bo Game Application

- **Ro-Sham-Bo game** is often used as a fair choosing game playing between **two people**, similar to **Coin Flipping, drawing straws**, or throwing dice in order to settle a dispute or make an **unbiased group decision**.
- Using the game to learn **mind reading** and **strategic planning**.
- The best part of the **game** is that players don't need to use the **buttons**. Players have to just make **some signs** in front of the **camera**.
- Game will **predict the input** of the user and system will generate the **computer output** at the same time.
- **Tech Used** - Python, Open CV, Image Processing, Python Imaging Library (PIL)

Personal Finance Manager

- The Personal Finance Manager is a **desktop application** that helps users track their **income, expenses, and savings**.
- The application provides features to **manage personal finances** effectively, generate reports, and visualize **financial data** through graphs.
- User Authentication: Secure **login and registration** system.
- Feature of **Add, edit, and delete** income and expense entries.
- We can Categorize **transactions** (e.g., salary, groceries, rent, utilities).
- **Tech Used** – Java, SQL, JDBC

Employee Management System

- Developed a robust and user-friendly Employee Management System utilizing Django, a Python web framework.
- Designed to streamline HR processes, enhance data management, and improve employee experiences.
- Developed features for employee records management, leave requests, attendance tracking, see details of employee like joining date, salary, department, role and payroll processing.
- Implemented a notification system to enhance communication.
- Tech Used – Python, Django, HTML, CSS, JavaScript, SQL, AWS, Git

CERTIFICATIONS & AWARDS:

- Solve **500+** problems on **GeeksforGeeks, LeetCode, HackerRank**.
- Got certificate on completion of '**Algorithmic Toolbox**' course by **Coursera**.
- Got certificate on completion of '**11 Weeks Workshop on Data Structures and Algorithms**' course by **GeeksForGeeks**.
- Problem solving **Hackerrank** certificate5 Star Coder in Problem Solving - **HACKERRANK**