

Vimal Kumar

System Design Developer

I'm a System Design Developer passionate about architecting scalable, efficient, and high-performance systems. I specialize in designing robust infrastructures, optimizing system workflows, and implementing innovative solutions to solve real-world challenges. Let's build the future with intelligent and resilient system architectures.



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📍 Vill. Chetanpura, Amritsar, India

EDUCATION

B. Tech. Computer Science

I. K. Gujral Punjab Technical University

06/2022 - Present

Amritsar, Punjab--8.0/10 GPA

Courses

- Software Engineering
- Operating System
- Data Structures and Algorithms
- Artificial Intelligence
- Computer Vision
- Cloud Computing

Class XII

Punjab School Education Board, Mohali

04/2020 - 04/2022

Percentage : 95.6%

WORK EXPERIENCE

Data Analyst Intern

CSRBOX-IBM

06/2024 - 09/2024

CSRBOX is India's leading CSR media platform, connecting over 3 million professionals and bridging gaps for corporates and NGOs

Achievements/Tasks

- Developed a Python model for data analytics and predictive machine learning.
- Analyzed air quality data using Pandas and NumPy.
- Technologies used: Python, pandas, NumPy, scikitlearn, Matplotlib, Seaborn.

Contact : Dr. Uzma Urooz - uzma@csrbox.org

Intern

PHD Chamber of Commerce and Industry

11/2023 - 12/2023

Amritsar, Punjab, INDIA

PHDCCI is a proactive National Apex Chamber working at the grass-root level and with strong national and international linkages

Achievements/Tasks

- Managed VIP Conclaves

Contact : Sumit Kumar (Assistant Secretary) - sumitk414@gmail.com

SKILLS

Software Engineering

Python

Java

Data Structures and Algorithm

SQL

Springboot

Hibernate

Computer Networks

JDBC

System Design

PERSONAL PROJECTS

Data Analysis Dashboard (04/2023 - 05/2023)
(05/2024 - 06/2024)

- Description: Created a data analysis dashboard using **Python** and **Pandas** library. Extracted, cleaned, and visualized data from a **CSV** file to identify trends and insights and implemented interactive **visualizations** using **Matplotlib** and **Seaborn** for better **data interpretation**.

Banking System (08/2024 - 10/2024)

- A banking system built on Java is designed to handle secure transactions, account management, and financial operations efficiently. It leverages a scalable architecture, robust database management, and optimized workflows to ensure reliability and security.

Resume Builder (10/2024 - 11/2024)

- A **Resume Builder** built on Java is designed to help users create professional resumes efficiently. The system provides a user-friendly interface where users can input their personal details, education, work experience, skills, and certifications.

CERTIFICATES

Data Analytics Certificate-IBM (06/2024 - 09/2024)

Gained practical experience in data analysis, trend identification, and decision support, enhancing technical skills.

LANGUAGES

English

Full Professional Proficiency

Hindi

Native or Bilingual Proficiency