

Bhavesh

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SKILLS

- Languages:** Java, C, C++, Python, JavaScript, SQL
- Frameworks/web:** HTML, CSS
- Databases:** MySQL, MongoDB
- Tools/Platforms:** GitHub, VS Code, IntelliJ, Docker, Jira, Selenium, Linux (Ubuntu/CLI)
- GUI Toolkits:** Java Swing Toolkit, Python Tkinter, Docker
- Cloud (AWS):** EC2, S3, VPC, EBS, IAM, Load Balancer (ELB), CloudWatch
- Soft Skills:** Solution-Oriented Approach, Time management, Workflow Coordination, Agile Mindset

PROJECTS

Distributed File System (DFS) with Fault Tolerance | [Link](#)

March 2025 - May 2025

- Engineered a fault-tolerant Distributed File System using Python, C++, gRPC, and PostgreSQL, reducing file retrieval latency by improving chunk distribution and replication across 3+ nodes.
- Developed metadata and storage-node coordination services with gRPC communication, increasing system reliability and ensuring 100% chunk availability during node failures.
- Integrated Prometheus and Grafana for real-time distributed monitoring, improving system observability and reducing debugging time by over 40%.

Environmental Studies Website | [Link](#)

July 2024 - August 2024

- Designed and developed an environmental studies website that centralized educational content and resources, increasing user engagement by over 35%.
- Implemented interactive features such as data visualizations and eco-topic modules, improving learning accessibility for students and boosting repeat visits by 25%.
- Optimized site performance and UI/UX for mobile and desktop platforms, reducing page load times by 40% and enhancing overall user experience.

TRAINING

Data Structures and Algorithms (DSA) Training-CSE Pathshala | [Certificate](#)

June 2025 - July 2025

- Received professional training in **Data Structures and Algorithms (DSA)** under industry experts
- Gained hands-on experience with problem-solving techniques and algorithm optimization.
- Implemented DSA concepts in multiple **mini-projects and coding exercises** using **Java**.

CERTIFICATES

- Privacy and Security in Online Social Media-NPTEL | [Certificate](#)
- Computational Theory – Infosys SpringBoard | [Certificate](#)
- Java Programming-IAMNEO | [Certificate](#)
- CPP-CSE Pathshala | [Certificate](#)
- C Programming-CSE Pathshala | [Certificate](#)

October 2025

July 2025

May 2025

November 2024

May 2024

EXTRA-CURRICULAR ACTIVITIES

Participated in a Community Development Project focused on Animals Rights and Welfare | [Certificate](#)

July 2024

- Raised awareness about endangered species and contributed to biodiversity protection efforts
- Assisted in executing on-ground welfare activities, contributing to the rescue, care, and support of animals in need and enhancing overall community engagement with advocacy efforts.

EDUCATION

Lovely Professional University

Jalandhar, Punjab

Since August 2023

Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.31**

KCM Army Sr. Sec. School

Bhiwani, Haryana

April 2021 - March 2022

Intermediate; **Percentage: 86**

U.S. International School

Bhiwani, Haryana

April 2019 - March 2020

Matriculation; **Percentage: 84**