# Shashank Hegde

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## EDUCATION

**B.Tech in Computer Science | Dayananda Sagar University | Bengaluru, Karnataka | 2025 | 8.36**

**Pre University | MES PU Collee | Sirsi, Karnataka | 2021 | 96.66%**

**High School | Raja Rajeshwari High School | Manchikeri, Karnataka | 2019 | 96.96%**

## EXPERIENCE

**Intern at Arteco**                                                                 **February 2025- Current**

Developing a system to generate QR codes for AR models, enabling seamless access. Scanning the QR prompts camera permission, after which the AR model loads for viewing

## PROJECTS

**Data Compression | Dayananda Sagar University | September 2023 - December 2023**

- Developed a machine learning-based recommendation algorithm to identify the most efficient data compression method based on file type and size.
- Adopted a DevOps approach to ensure seamless deployment, monitoring, and scalability of the solution.

**Route Optimization | Personal Project | September 2024 - January 2025**

- Developed a solution using satellite imagery and machine learning to classify terrains and generate cost maps for road construction planning.
- Identified least-cost routes with pathfinding algorithms to minimize environmental impact and support sustainable infrastructure development.

**The Medicine Saver | Dayananda Sagar University | February 2023 - May 2023**

- A return-to-vendor business model Involved in market analysis and feasibility study
- Developed a user-friendly platform allowing users to sell unused medicine back to the store

## CERTIFICATIONS

**Data Structures and Backend with Java | Coursera | Backend with Spring Boot | 2024 | [view](#)**

- Gained hands-on experience in Java data structures, Spring Boot for RESTful APIs, and database connectivity with  H2

**Google Cloud Computing Foundations | NPTEL | Cloud Infrastructure Management | 2024 | [view](#)**

- Learnt how to deploy, manage, and scale applications on the Google Cloud Platform, ensuring they utilize resources effectively and maintain robust, secure, and high-performance cloud environments.

**Introduction to Deep Learning | Great Learning | Deep Leaning | 2023 | [view](#)**

- How, where and when Deep Learning can be used

## SKILLS

Programming : Java, C, Python

Database : MySQL

IDEs: IntelliJ IDEA, PyCharm, Visual Studio Code, Jupyter Notebook

Frameworks: Spring Boot

Subjects: Data Structures and Algorithms, Computer Networks, Operating Systems, DBMS, OOPs, ML