

VARUN KUMAR

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PROFILE

Final-year B.Tech Computer Science Engineering student with strong foundational knowledge in software development, data analysis, and engineering-oriented systems. Proficient in Java, Python, HTML, CSS, JavaScript, MongoDB, and SQL, with hands-on experience in academic projects and internships involving web applications and data-driven problem solving. Passionate about learning new technologies and applying analytical thinking. Seeking an Engineer Trainee / Software Engineer role to contribute technical skills and grow within an engineering-driven organization.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science Engineering

Sharda University | CGPA: 7.0 / 10

Duration: 2022 – 2026

Intermediate (Class XII)

L.K. College | Percentage: 74%

Duration: 2019 – 2021

Matriculation (Class X)

Hellens School | Percentage: 77%

Year: 2018 – 2019

SKILLS

Programming Languages: Java, Python, JavaScript

Web Technologies: HTML, CSS3, JavaScript, Bootstrap

DataBases: SQL, MongoDB

Tools & Platforms: Git, GitHub, Power BI, Excel

Core Computer Science: DSA, OOPs, CN, DBMS

INTERNSHIP

Frontend Developer – Intern | Graphhene Software Pvt. Ltd.

Project: E-Commerce Website

Technologies Used: HTML, CSS, JavaScript, MongoDB, Express.js, React, Node.js, REST APIs

Achievements/Outcomes: Worked on the UI development of an e-commerce web application using HTML, CSS, JavaScript, and React. Built responsive product listing and Add to Cart UI components and integrated frontend components with REST APIs to fetch and display product data. Focused on improving usability, layout consistency, and overall user experience.

PROJECTS

Heart Disease Prediction – Web Interface (Flask)

- Developed a **Flask-based web application** for heart disease risk prediction
- Performed **data cleaning, feature selection, and exploratory data analysis (EDA)** on healthcare datasets
- Integrated trained **machine learning models** with a user-friendly web interface
- Enabled users to input health parameters and receive **prediction results for decision support**

Tools: Python, Flask, pandas, NumPy, matplotlib, Machine Learning

Stock Market Analysis (Python)

- Analyzed **historical stock market data** using Python to identify trends, price movements, and volatility
- Performed **exploratory data analysis (EDA)** using pandas and NumPy
- Visualized insights using **charts and statistical summaries** (non-dashboard)
- Used analytical findings to support **data-driven market insights**

Tools: Python, pandas, NumPy, matplotlib

CERTIFICATIONS

- DSA (In java) Certificate-Apna College**
- Web Development Intern-Graphhene**
- Databases Foundation-Oracle**

ACHIEVEMENTS

- Practiced and solved **320+ DSA problems** on **LeetCode and GeeksforGeeks**.

