Hari Sharan

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Objective

Motivated Computer Science student with strong skills in data structures, algorithms, and full-stack development. Experienced with modern technologies like MERN stack, machine learning frameworks, and database systems. Proficient in OOP, SQL, Git, and debugging. Looking to contribute to impactful SaaS solutions in a growth-oriented company.

Education

National Institute of Technology, Uttarakhand — Srinagar, Uttarakhand
Bachelor of Technology in Computer Science and Engineering — *Aug. 2021 – Present*

Jawahar Navodaya Vidyalaya, Dadri Gautam Buddha Nagar — G.B Nagar Uttar Pradesh
Intermediate (CBSE)| 77.40%

Jawahar Navodaya Vidyalaya, Dadri Gautam Buddha Nagar — G.B Nagar Uttar Pradesh
Secondary Education | 87.40%

Technical Skills

Languages: Java, C/C++, Python, JavaScript, MYSQL, HTML/CSS
Frontend Development: React.js ,React Hooks,css,tailwindcss.
Backend Development: Node.js, Express.js, MongoDB, SQL
Machine Learning: TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
Tools: Jupyter Notebook, PyCharm, Google Colab
Models: ResNet-50, GRU
Algorithms: Supervised Learning, Unsupervised Learning, Classification, Regression, Recommendation Systems
Other Tools: Git, RESTful API, NPM

Experience

Gaur Sons India Private Limited | Summer Training — Abhay Khand Indrapuram, Ghaziabad, UP
1 month Industrial Training with Database Manager at IT department. — *1st July 2023 – 31st July 2023*

WebstackAcademy | Intern
Successfully completed Full Stack Intern Program with Webstack Academy.
Key role: designed food delivery app with payment integration.

Coursework

Machine Learning, Data Structure and Algorithms, Operating Systems, DBMS, OOPs(in Java, C++, and projects), Artificial Intelligence, Compiler Design, Design & Analysis of Algorithms

Technical Projects

Youtube Shorts Recommendation System — Aug 2023 – Dec 2023

- A dynamic Python-based Recommendation system using Streamlit and personalised through user feedback.
- From video dataset we created high dimensional vector from tags to enable precise content analysis by calculating cosine similarities, ensuring recommendation matches user preferences.
- Scope: App can be designed to protect children by filtering vulgar content.
- **Tools:** Python, Streamlit, Pandas, Scikit-learn, NumPy, Cosine Similarity

Forest Fire Detection (Van Durga) — Jan 2024 – June 2024

- Implements forest fire prediction that takes video as input and detects fire in frames.
- Project is using ResNet-50 and GRU for classification, and classified vector is used to feed as input in YOLO to enhance performance.
- **Tools:** Python, ResNet-50, GRU, YOLO, OpenCV

Bank Management System — Oct 2023 - Jan 2024

- A Java-based desktop application that simulates core banking functionalities like account creation, withdrawals, deposits, and transaction history management. It features a user-friendly Swing GUI and interacts with a MySQL database for secure data storage.
- Technologies Used: Java (Swing, AWT) – For building the graphical user interface, MySQL – For storing user account details and transaction history, JDBC – For database connectivity.

- **Tools:** Java, Swing, MySQL, JDBC, AWT

E-Commerce Website (Fusion-X) Aug 2024 – Jan 2025

- A Headphone Website with interactive design and user-friendly environment.
- All the products were dynamically rendered using API calls, making use of Stripe to ensure the website is secure and user-friendly.
- Fully responsive E-commerce website using React and Strapi with Stripe payment Gateway Integration.
- **Tools:** React, Strapi, Stripe, JavaScript, HTML/CSS, API Integration, Node.js, Express.js

Achievements

- Solved over 300+ problems in various coding platforms.
- Executive Member, Technical Club: Organized and hosted multiple tech events, fostering innovation and collaboration among students. Managed event planning and technical workshops to enhance learning opportunities.