

HIMANSHU SHARMA

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SUMMARY

CS undergrad passionate about Full Stack development, machine learning and scalable software systems. Proficient in building REST APIs, implementing secure authentication and developing predictive models using suitable tech stack requirements.

WORK EXPERIENCE

Software Development Intern | Tech Exponent System, SAS NAGAR | JULY 2024 – Present

- Built RESTful APIs and backend infrastructure using **Node.js**, **Express**, **SQL**, and **Influx DB** to support a high-traffic Android application.
- Designed and implemented **token-based authentication** workflows using **JWT** for secure API communication.
- Developed a **machine learning pipeline** for financial forecasting using **LSTM networks**, integrating **Fin BERT** for sentiment-driven feature enhancement.
- Worked extensively with **TensorFlow**, **Scikit-learn**, **Pandas**, and **NumPy** for data preprocessing, model training, and evaluation.
- Conducted cloud-based experimentation and training workflows on **Google Collab** for rapid model iteration.

PERSONAL PROJECTS

EduHub | *Python, Django, Django-rest-framework*

- Developed a full-stack web application using **Django**, **Django Rest Framework** framework for educational content management and delivery.
- Implemented user authentication, content upload, and dynamic rendering features using **Python** and **Django ORM**.

HiFlix | *HTML, CSS, JavaScript*

- Created a fully responsive **OTT platform UI prototype** using **HTML**, **CSS**, and **JavaScript**.
- Practiced key front-end concepts like **CSS Box Model**, **Flexbox**, **CSS Grid**, **media queries**, and **onclick event listeners**.
- Improved understanding of **DOM manipulation**, interactive UI components, and responsive design principles.

EDUCATION

B. Tech in Computer Science and Engineering

- Global Group of Institutes, Punjab | SGPA:8.1 | 2021-2025

SSSS Khalsa Sen. Sec. School

- Punjab School Educational Board | Aggregate:77.7% | 2019-2020

New Lawrence High School

- Punjab School Educational Board | Aggregate:80.3% | 2017-2018

SKILLS

Languages: Python, JavaScript, C++, SQL

Frameworks & Libraries: ReactJS, Redux, Node.js, Express, Django, TensorFlow, Scikit-learn, Pandas, NumPy

Tools & Technologies: Influx DB, Google Collab, JWT, Postman, Git, GitHub, HTML, CSS, JavaScript