Siddharth Sharma

Thinker,Innovator and Software developer

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EDUCATION

Thapar Institute of Engineering and Technology,
Patiala, Punjab

07,2018 - 07, 2022

Current CGPA: 8.90

Sri Guru Harikrishna Public School,
Pathankot, Punjab

07, 2016 - 07, 2018

CBSE XII Percentile: 92.35

St. Joseph's Convent School,
Pathankot, Punjab

CBSE X Grade Point: 10.0

EXPERIENCE

Verzeo.in, Work From Home — *Internship Trainee*

03, 2020 - 04,2020

- Worked as an Internship Trainee at Verzeo Edutech in the field of Machine Learning and AI. Developed a review classifier with an accuracy of 98.88 percent using **NLP Word2Vec**.

JPMorgan Chase & Co., — *Virtual Experience*

05, 2020 - 06, 2020

Completed practical task modules in:
- Establishing Financial Data Feeds.
- Frontend Web Development with **React**.js.
- Data Visualization with **Perspective**.

Microsoft, — *Virtual Experience*

06, 2020 - 07, 2020

- Got to know about the work culture and ins and outs of the corporate world.

Cisco Thinqbator, — *Campus Ambassador* (present)

ThapSat (Cube SAT), — *Research Analyst* (present)

SKILLS

LANGUAGES: Java C++ Python Html CSS Kotlin

FRAMEWORKS: Android Studio Flask Node.js React.js MySQL MongoDB Github

CS CONCEPTS: Data Structures and Algorithms Web Development App Development Machine Learning AI OS Computer Networks DBMS.

PROJECTS

Flappy Bird AI
- Automated the classic game of Flappy Bird using **NEAT** module in Python.
- Usage of Feed Forward Neural Networks to automate the process of dodging the obstacles.
- Simulation achieved through **PyGame**.

Your Chat
- Implemented a real-time group chat application based on **Node**.js and **Socket**.io.
- Currently supports live messaging among a group of **250** individuals.

Code Wizard Blog
- Developed a Blog site for coders with an option to create, edit, and delete blog posts through an Admin Dashboard.
- Front end development using **Bootstrap**, **Html**, **CSS**, and **Javascript**.
- Backend using **Flask** and **SqlAlchemy**.
- Currently under deployment.

Artificial Advisor App
- Personal finance management app directly connected to your bank account through **Plaid** API providing virtual assistance for money management and **Alpaca** API.
- Built-in AI advisor using **Dialogflow** API and **Tensorflow** Lite.
- Auto stock investment using **Sentiment Analysis**.

CO-CURRICULAR SKILLS and ACHIEVEMENTS

- Secured **23 rd** rank in **American Express CodeStreet 2020 All India Hackathon**
- Campus Ambassador at **Cisco Thinqbator**
- Research Analyst at **ThapSat**.
- Technical head and Content Writer at **ENACTUS**.org.
- Core member at **Thapar Amateur Astronomers Society**.
- Core member at **Microsoft Student Chapter Thapar**.
- **163** rank as of now at **Geeks for Geeks** university ranking.
- Social helper at **CFMSS**.

STRENGTHS

- Oral and Written Communication.
- Reliable and Consistent.
- Committed to Lifelong Learning.
- Team Building.

LANGUAGES

- English (Proficient).
- Hindi (Proficient).
- Punjabi (Proficient).

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CERTIFICATIONS

- LinkedIn Learning – Become a Software Developer.
- Coursera – Google Cloud Fundamentals.
- Cisco – Machine Learning and Image Processing.
- Google – Advanced Google Analytics.
- Google – Android Kotlin Fundamentals.