

OBJECTIVE

To utilize and enhance my skill-set by working in a team environment, on ideas and projects that have a real-life, large scale impact and help in betterment of society with the means of technology.

EDUCATION

Punjab Engineering College, Chandigarh

B.Tech – Electronics and Communication, CGPA – 7.37

Maharana Pratap Public School, Kurukshetra, India

Class XII-AISSCE, April 2018 – 94.4%

PROFESSIONAL EXPERIENCE

Software Engineering Intern

Jan 21 – Present

myHQ Workspaces

- Collaborate with the entire team and customers on feature requirements and prioritization.
- Understand the requirements, design the architecture and deliver clean, testable, well designed and scalable code.
- Own end to end development of high-performance applications.

Software Engineering Virtual Experience

May 2020

JP Morgan Chase and Co. – Inside Sherpa

- Familiarized myself with JPMorgan Chase frameworks like Perspective
- Applied my technical skills to a hypothetical request from the firm's trading floor to analyze and visualize data.
- Got to know about JPMorgan's REPL development environment

Co-Founder and CTO

Feb 19 – Aug 19

EdNite

- Investigated and addressed business development challenges to proactively mitigate problems.
- Designed, implemented and monitored web pages and sites for continuous improvement.
- Collaborated with team members to help expand marketing channel

TECHNICAL SKILLS

- **Programming Languages** : Python, Javascript, C++ (Basic)
- **Database** : Sqlite 3, MySQL, MongoDB
- **ML Toolkit** : Keras (Basic), OpenCV, Scikit-Learn, Selenium, Beautiful Soup, Matplotlib
- **Tools/ Technologies** : Node.js, Microsoft Office, Git, WordPress, Docker
- **Data Structure and Algorithms, OOPS, DBMS**

PROJECTS

Crypto Price Alert Telegram Bot	Created a bot that can send an alert message when the price of a cryptocurrency falls below or rises above a limit set by the user. You can also fetch real time prices of any cryptocurrency and also maintain a watchlist. Telegram Link Technologies used: Node.js, MongoDB, WebSocket
ML Algorithms from Scratch in Python	Implemented some of the fundamental ML algorithms like Linear Regression, Logistic Regression, K-Means etc. from scratch in Python using Numpy.
Active Body Posture Tracker	Designed a body posture tracking program that can convert face movement into keyboard commands like UP-DOWN-LEFT-RIGHT for playing games and burning calories. Technologies used: Python3, Numpy, OpenCV
WhatsApp Scheduler and Automator	Designed a python program to send WhatsApp messages to contacts automatically and these messages could be scheduled to be sent at a particular time. Technologies used: Python3, Pandas, Selenium

ACHIEVEMENTS

- Ranked 6223 out of 1.15 M appeared in JEE Advanced 2018.
- 4-star rating (1874) on codechef.
- Reached the Gold Level in the 2019 WorldQuant Alphathon Challenge.
- First Prize in Hack with Her 2.0 organized by Chitkara University (2019)
- Second Prize in Hackathon organized by IEEE PEC Student Branch (2019).