

# SOURAV SHARMA

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## EDUCATION

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### Bachelor of Engineering, Information Technology

2016 - Present

Army Institute of Technology, Pune CGPA : 8.96/10

### AISSCE, CBSE, Class XII

Passed in 2015

Jawahar Navodaya Vidyalaya, Una (H.P.) 93%

## TECHNICAL STRENGTHS

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### Programming & Skills

C++, C, Python, MySQL, Data Structures, OOPS

### Software & Tools

Tableau, LaTeX, Jupyter Notebook, Google Colab, Sublime, Eclipse

## PROJECTS

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### Stock Market Analysis and Prediction

Apr 2019 - Jun 2019

- Performed technical analysis, visualization and prediction using data provided by Yahoo Finance on 'FAANG' stocks.
- Used **Bootstrap method** to predict value-at-risk (VaR) for given stocks.
- Applied **Monte Carlo simulation** to predict future stock prices.

### Movie Recommendation Engine

Jan 2019 - Mar 2019

- Successfully implemented a **Content based** movie recommendation system in Python using the scikit-learn library.
- Used **scikit-learn library** to recommend a movie based on comparison between the content of the movies and a user profile and recommend a movie from the top 250 rated movies according to IMDB.

### Online Car Rental Point

Oct 2018 - Dec 2018

- Led a team of three members.
- Developed a car rental portal which provide Self-Drive car rental service where users can view, rent cars and admin can accept or decline a request and update the cars available.
- Worked on **MySQL RDBMS** on backend for data storage, retrieval and manipulation.

## POSITIONS OF RESPONSIBILITY

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### Institute Student Mentorship Programme

Mentor

Responsible for guiding 2 freshman, focusing on academics and holistic development. Providing counsel and helping them adjust to campus life.

### Branch Volleyball Team

Captain

Captained IT Department volleyball team in Sports-Aakriti 2018-19.

## ACHIEVEMENTS

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**Secured 1st position** in Debate in Cultural-Aakriti, 2018-19.

**Secured 1st position** in Street Play in Cultural-Aakriti, 2017-18.

Recipient of **Annual PM Scholarship Scheme** given by Ministry of Defence for maintaining year around **GPA>8**.

Played National Level Cricket in school.