Ankit **Acharya**

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Education

Silicon Institute of Technology	*Aug 2018 – May 2022 (Expected)*
Bachelor of Technology in Computer Science Engineering	CGPA: 8.10 (6th Sem)	*Bhubaneshwar, IN*
Dr A.N.K. D.A.V. Public School	*Rourkela, IN*
CBSE AISSCE Percentage: 85.83%	*May 2016 – May 2018*
CBSE Xth Percentage: 95.0%	*April 2015 – May 2016*

Experience

Devathon (Crypsis Technologies Pvt. Ltd.) *Jun 2021 – Present*
Software Development Engineer Intern *Remote*
- Working on Ruby on Rails, Sqlite3, version-control system among other tools.
- Learn Agile methodologies and the best practices in software development life cycle.
- Developed a Depot application with Create, Read, Update, Delete functionalities.
- Currently working on deploying APIs and working on back-end and databases.

Tata Steel SNTI | IT Summer Intern *May – Jun 2021*
- Designed and developed a viable Hospital Management System with >75% added productivity features. *Jamshedpur, IN*

Upwork | Freelance Illustrator/ Video Editor *Mar 2020– Jun 2021*
- Worked with various clients from the US & UK working on projects and increasing their growth by 100%. *Remote*

Karkhana Makerspace Ltd. | IOT Summer Intern *May 2019– Jul 2019*
- Learnt the basics of Arduino, Raspberry PI and how they combine with sensors in real-life scenarios. *Bhubaneshwar, IN*
- Made multiple projects like Electronic Voting machine, Crowd Sensor, Twitter Weather Bot, etc.

Skills

Programming	C++, Python, Ruby, JavaScript
Web/Libraries	HTML/CSS, BS4, Pandas, Numpy, Matplotlib, OpenCV
Frameworks	Bootstrap, Django, Ruby on Rails
Tools & DBs	Git, Bash, Linux, MongoDB, MySQL, PostgreSQL, AWS DynamoDB, CI/CD
Ratings	1728 on **Codechef**, 5-star on **HackerRank**
Other Skills	Adobe Photoshop, XD, Premiere-Pro, Motion Graphics, Illustrator, MS Office, Tableau, Googling stuff
Soft Skills	Leadership, Communication, Problem-solving, Adaptability, Teamwork, Planning, Critical-thinking
Languages	English, Hindi, Odia

Open-Source and Community

Currently working on contributions to Natural Instructions Expansion @ The Allen Institute for AI	*Jul 2021 – Present*
Open-Source Contributor @ Digital Ocean HacktoberFest	*Oct 2020*

Projects

Mall Customer segmentation using Clustering (Machine Learning, Python, Scikit Learn, Pandas, Clustering Algorithms) ⧉
- Apply K-Means Clustering Algorithm and various other Data Science techniques to find clusters in customer data.
- Apply various Exploratory Data Analysis methods to generate insights from data for the marketing team.

City Travel Navigation App (Python, Django) ⧉
- A web application that finds the shortest route as well as multiple best routes for buses.
- Applied a Depth First Search (DFS) algorithm with Backtracking that works on the city network graph to calculate the shortest route.
- Practised development of a web application using the Django framework.

Analysis of user's Spotify streaming data (Python, API, Jupyter, Pandas) ⧉
- Get user data through Spotipy API, and apply analysis to figure out various characteristics and preferences of the user.

Achievements & Extra-curriculars

#2 Zonal, #57 International Rank in British Council's International English Olympiad 2018
Received Governor's Award in Bharat Scout & Guides
Student Mentor at CodeChef Student Chapter
Event secretary at Silicon Music Club
Lead Guitarist at college band. Proficient in other musical instruments.
Played for Interschool and CS branch football Teams.
Physics enthusiast. Interested in various areas of classical physics and occasionally write articles.