MOHD AKHLAD ANSARI

Course : **B.E. (Hons.)**, Electrical and Electronics Engineering and **M.Sc. (Hons.)**, Chemistry, 2024

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CGPA : 6.88

ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	SCIENCE	Dr. Virendra Swarup Public School, Cantt	ICSE	95 %	2018
CLASS X		Dr. Virendra Swarup Public School, Cantt	ICSE	94.6 %	2016

Subjects / Electives	Object Oriented Programming, Python 3
Technical Proficiency	Bootstrap, Java, ElasticSearch, Plotly, AWS S3, MS Word, AWS CloudFormation, Machine Learning, TypeScript, Photoshop, Matplotlib, Illustrator, HTML + CSS, JavaScript, Passport, Data Science, Python3, Excel, DSA, Scikit-Learn, SQL, Express.js, C++, Pandas, NumPy, PowerPoint, Jupyter notebook, AWS Lambda, MongoDB, AWS

SUMMER INTERNSHIP / WORK EXPERIENCE

SDE Intern, Amazon   **Jul 2023 - Dec 2023**
 • Worked with AWS services like: Quicksight, Cognito, IAM, Federate, Lambda, API Gateway.
 • Worked on developing a new service that leverages LLM to generate dashboards from Natural Language input from a given dataset.
 • Wrote the whole code from scratch, utilising the client, service, accessor architecture.
 • The service included, API calls, User Authentication, Dashboard generation, dynamic webpage rendering and Machine Learning capabilities.
 • Wrote the CDK for deployment via Cloud using Typescript.

SDE Intern, Stratzy Co   **Nov 2022 - Jun 2023**
 • Helped develop the mobile website for the app.
 • Overhaul of the design using Material UI bringing it up to date with newer standards.
 • Worked on back-end server, developed new webpages and API for addition of App exclusive features (trade flows, investment flows and auto trade)

Mentee, Microsoft India   **May 2022 - Jul 2022**
 • Had to make a Data Analysis product that was targeted to be used by Car Manufacturers.
 • Used XGBoost Algorithm on the given dataset to train a model that will predict the price of a car for given properties.
 • Used numpy, Pandas and Plotly for data visualization.
GitHub repository link for project: https://github.com/akhlxd/cartify_engage22/

Web Developer, Swecha   **Jun 2021 - Jul 2021**
 • Worked on the front end of one of their blood bank website to bring using Bootstrap, CSS, and JavaScript.
 • We were assigned to work on auto-evaluation system for CS courses. Implementation of login/register page using Passport and Bcrypt and MongoDB

PROJECTS

Spell Bee Solver - Data Analysis   **Aug 2022 - Present**
Built a spell bee solver, which is a word game by New York Times, using pandas, numpy and web development.

Molecular Dynamics Simulation - Molecular Dynamics   **Jan 2021 - May 2021**
I studied about various techniques and mathematics behind MDSim and implemented some simulation myself using VMD and NAMD

VOLUNTEER EXPERIENCE

Department of Chemistry - Role: Student Faculty Council Member | Cause: Education   **Jan 2022 - May 2022**
I worked as a member of the Student Faculty Council which is acts as an intermediary body between the faculty and the students.

Nirmaan organization - Role: Crew and Core Member | Cause: Children   **Oct 2019 - May 2021**
I volunteered for two years for the Nirmaan Organization : Goa Chapter, which is a NGO operating in our college to teach kids for the Goa government entrance exam.

LANGUAGES KNOWN

English, Hindi, Urdu