

# Dhruv Bajaj

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## Professional Experience

### Software Engineering Intern, Arista Networks

Aug 2022 – present | Bangalore, Karnataka

### Full Stack Development Intern, HighRadius

Feb 2022 – Apr 2022 | Virtual

Built and deployed an AI Enabled Fintech B2B Cloud Application using React.js, Java, Servlets and components of Machine Learning.

### Python Development Intern, Docplus Online

Jul 2021 – Jan 2022 | Virtual

- Scraped various healthcare websites for medical information using Selenium.
- Worked with python scripts to scrape automated bots.

### Machine Learning Research Intern, Madras Scientific Research Foundation

Jul 2021 – Sep 2021 | Virtual

Wrote authentic academic and research blogs on new Machine Learning technologies such as ML-powered Autocomplete features, Caffe Library, Speeded Up Robust Features (SURF) and worked on research papers.

### Data Mining Intern, Make Me Builder

Jul 2021 – Oct 2021 | Virtual

- Built algorithms for data cleaning and data profiling using Pandas and Python.
- Performed EDA (Exploratory Data Analysis) on datasets.

## Positions of Responsibility

### GirlScript Summer of Code- Mentor and Contributor (March 2022-May 2022)

### GirlScript Winter Of Contributing- Mentor for 'Data Science with Python' (Sep 2021-Dec 2021)

### Technical Head And Joint PRO - Ramanujan Mathematics Club SRMIST KTR (August 2021- Present)

### Technical Associate - NWC Association SRMIST KTR (August 2021- Present)

## Skills

Python, C/C++, Java, JavaScript, SQL, React JS, Data Structures, Object Oriented Programming, Data Analysis, Machine Learning, Deep Learning, CCN, AWS, Git and Github

## Education

**B.Tech (CSE-IoT), SRM Institute of Science and Technology** 9.56 CGPA  
2019 – present | Kattankulathur, Chennai

**Class XII, CBSE** 89% (PCM)  
2019

**Class X, CBSE** 10 CGPA  
2017

## Projects

### AI-Enabled FinTech B2B Invoice Management Application

Mar 2022 – Apr 2022

Built a Full-stack Invoice Management Application using Reacts, JDBC, Java, Servlets and added components of Machine Learning for predictions.

### Social Media API

Dec 2021 – Jan 2022

A backend API developed for a social media app with Python, FastAPI library and integrated the database using PostgreSQL.

### CycloFit

Apr 2021 – May 2021

A web-based application which allows users to rent bicycles and awards them for as per the distance they cover. Built with HTML, CSS, JavaScript, Bootstrap, Flask, SQLite and SQLAlchemy.

### Hola- Personal Virtual Assistant

Jan 2022 – Feb 2022

Developed a personal voice assistant using Python that lets the user make a Google search, watch Youtube, send Whatsapp messages, compose emails and much more by just a voice command.

## Achievements

Cleared the global InfyTQ exam for Infosys certification in Python language. (Feb 2022)

Selected for the 'Virtual Exchange Program Spring Semester 2022' at Asia University. (Feb 2022)

Named as one of the top mentors for 'Data Science With Python' domain for GirlScript Winter of Contributing 2021. (Nov 2021)

Selected for the 'AI Foundation Course' at WhiteHat Jr by NASSCOM. (Nov 2021)

Secured first position in Techknow-2019, organized by the Department of Physics and Nanotechnology, SRMIST (2019)

## Courses

### AWS Academy Machine Learning Fundamentals, Amazon Web Services

Sep 2021 | Virtual

### Data Analysis Using Python, IBM

Sep 2021 | Virtual

### Applied Data Science with Python, IBM

Sep 2021 | Virtual

### Neural Networks and Deep Learning, Deeplearning.AI

Aug 2021 | Virtual