

DHRUMIL ANKOLA

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EDUCATION

University of California, Riverside	Jun.2025
M.S. in Computer Science	GPA: 3.8/4.0
Courses: Advanced Operating System, Big Data Management, Spatial Computing	
Birla Vishvakarma Mahavidyalaya (BVM), Anand, India	Jun.2023
B.Tech. in Information Technology	GPA: 3.4/4.0

SKILLS

Programming Languages: C++, Python, SQL, Spark-SQL, PySpark
Web Technologies: HTML, CSS, JavaScript, PHP, ReactJS, Angular, NodeJS, Django
Analytic Skills: MySQL, Excel, Tableau, Power BI
Tools: Visual Studio code, PyCharm, Microsoft Office (PowerPoint, Excel, Access, Visio)
Database: MYSQL, Mongo DB, Snowflake, AWS
Certificates: Cloud Engineering and Data Science & ML Tracks (2022); Programming for Everybody (University of Michigan)

INTERN EXPERIENCE

Data Science Intern | DevTown | Remote Jul.2022-Oct.2022

- Extracted data from various sources, transformed and populated (ETL) into **Snowflake** data warehouse (**AWS**) using **Apache Airflow**, implemented support vector machines (**SVM**) to predict the trend of the stock market.
- Utilized **Python**, and **Spark** to query and analyze cashflow, fundamentals etc... of the top 11 performing stocks.
- Leveraged **Power BI** to represent insights of company's growth.

Machine Learning Intern | **Beknown Enterprise** | Anand, India May.2022-Jul.2022

- Collaborated with team to develop a Content-Based Movie Recommender System.
- Utilized **Python**, **TensorFlow**, and **scikit-learn** to implement ML model using cosine similarity.
- Facilitated with clients to understand project needs, successfully advocated for an additional module, leading to a 10% increase in company revenue.

Full Stack Developer Intern | **Matrixhive Technologies** | Ahmedabad, India Jun.2021-Aug.2021

- Collaborated with a team in programming web-modules using various frameworks.
- Utilized **jQuery**, **HTML5**, **CSS**, **PHP** to integrate dark mode, pagination, image-slider, etc.
- Streamlined and reduced the workload of Senior Developers by 25%.

PROJECTS

Hydroponic System using IoT Model | BVM,India Jan.2023-Jun.2023

Published Patent: Indian Patent Office, Jul.2023

- Developed an innovative model of Hydroponic System utilizing Internet of Things (IoT) which monitors and controls environmental factors like temperature, humidity and pH, optimizing conditions for plant growth.

PhotoDo Web App | **React.js** | [GitHub link](#) | Personal Feb.2021-Mar.2021

- Engineered a dynamic web application that retrieves high-resolution photos and empowers users to seamlessly download premium-quality, royalty free images.
- Integrated **API** to request precisely manages a synchronized data flow, ensuring a top-notch user experience.

Stories Application | **React.js**, **Express.js**, **Node js** and **Mongo DB** | [GitHub link](#) | Personal Jul.2021-Oct.2021

- Developed a dynamic full-stack app that transforms thoughts into captivating tales.
- Allowed users to share their stories and engage with an array of narratives crafted by the community.

StockBot | **Python**, **NumPy**, **Pandas**, **Plotlib** | [GitHub link](#) | Personal Jan.2022-May.2022

- Crafted a data-driven stock companion on Telegram, delivering real-time updates on Indian stock market indices, stock prices, and a wealth of financial insights with a simple command.
- Users can explore interactive charts, unlock in-depth fundamental analysis, and navigate the world of stocks.

LEADERSHIP

Chief Advisor | Central Committee, BVM Eng. College Jun.2022-Jun.2023

- Lead the Registration committee during college's 75th Anniversary celebration, approx. 5000 alumni across the world attended the event. Hosted 2 Techno-Cultural fests in college, namely GENESIS'23 and UDAAN'23