

Adarsh V. Desai

desaiadarsh22@gmail.com ▪ +91 9845515845 ▪ <https://alphavictordelta.github.io>

Profile

A curious individual with a versatile skill - set in data science, machine learning, and web development. Has received accolades for his technical acumen and presentation skills. Winner of multiple competitions and hackathons at an institute level. Skilled at implementing a variety of projects on a wide range of platforms. Excellent written and oral communication skills. Capable of working effectively in a team to solve challenging problems.

Projects

Remaining Useful Life predictions for jet engines using Neural Network Architecture. (November 2020)

- Built a neural network architecture using TensorFlow library, which achieved an accuracy of 0.93 on the test set
- Secured first place in project-based learning competition at the institute level

'INVITE' Social Media Platform Web Application (September 2020)

- Used Python, HTML, CSS, SQL, and J.S. to build a social media web application
- Deployed the Web Application using Microsoft Azure

Online Store Web App (July 2020)

- Used Django and PostgreSQL to build a ready-to-deploy online e-commerce platform
- Deployed the web Application Using Amazon Light sail

For more information, visit my GitHub profile: [@AlphaVictorDelta](#)

Education

B.M.S. Institute of Technology and Management ▪ Bangalore ▪ India (Aug 2018 – Present)

B.Tech in Mechanical Engineering

Relevant Coursework: C/C++ programming, Advanced Calculus, Linear Algebra, Numerical Methods and Techniques, Complex Analysis, Probability, and Statistics.

Skills

❖ Programming Languages

Python ■■■■□ C/C++ ■■■□□ Javascript ■■■□□

❖ Backend Frameworks

Flask and Django ■■■■□ Node.JS ■■■□□ SQL and PostgreSQL ■■■■□

❖ Front End Frameworks

HTML + CSS ■■■■□ React ■■□□□ Bootstrap ■■■■□

❖ Machine Learning Libraries

Scikit-Learn ■■■■□ Keras ■■■■□ TensorFlow ■■■■□ PyTorch ■■□□□

❖ Cloud Technologies

Amazon Web Services ■■■■□ Google Cloud Platforms ■■■■□ Microsoft Azure ■■■■□

❖ DevTools and Other Skills

Tableau ■■■■□ Git and GitHub ■■■■□ Linux Terminal ■■■■□ Hadoop ■■□□□

Leadership Experience

- **Beta Microsoft Student Ambassador** (2020-present)
 - Held seminars and teaching sessions to help my peers gain exposure to various new technologies
 - Conducted six seminars on various topics and was promoted to Beta level.
- **College junior Vice President** (2016-2017)

Interests and Hobbies

Cutting edge technology ▪ Gaming ▪ Reading self-help books ▪ Organising Events