

Abinivesh Murugesan

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Profile

I'm passionate about Data Science, Machine Learning, and AI, with expertise in Python. I excel at extracting insights from complex datasets and developing models for predictive modeling and classification. I thrive in collaborative environments, effectively communicating technical concepts to non-technical stakeholders, and aim to leverage data and AI to drive innovation and meaningful impact.

Education

2021 – present	B.Tech Artificial Intelligence and Data Science <i>Dr. Mahalingam College of Engineering and Technology, Coimbatore</i> 🔗 CGPA - 9.1/10
2019 – 2021	HSC <i>SVG V Matric Hr Sec School, Coimbatore</i> 92.3%
2014 – 2019	SSLC <i>SVG V Matric Hr Sec School, Coimbatore</i> 92.6%

Professional Experience

2024/05 – present Bangalore, India	Intern <i>Cube AI Solutions</i> 🔗 <ul style="list-style-type: none">• I performed data analytics using machine learning and deep learning.• I conducted exploratory data analysis (EDA), preprocessed datasets, and trained predictive models.• I utilized algorithms for classification and regression and developed image and text analysis models.• My work improved the accuracy and efficiency of analytical processes.
2023/06 – 2023/07 Coimbatore, India	Intern <i>Deep2NeuronTech</i> 🔗 <ul style="list-style-type: none">• Applied data analysis techniques to optimize Convolutional Neural Network (CNN) models for image preprocessing.• Contributed to cutting-edge projects by implementing advanced algorithms to enhance model efficiency and accuracy.• Played a key role in innovative projects within computer vision, gaining hands-on experience at the forefront of technological advancements.

Skills

Machine Learning

Exploratory Data Analysis

Data Visualization

Database Management

Team Work

Communication

Projects

2023/04 – 2023/05	House Price Prediction A Machine Learning Framework for Accurate Property Valuation
2023/10 – 2023/12	iD Fresh Foods Forecasting Models Set of models to predict future growth of iD Fresh Foods
2024/04 – present	Telecom Customer Churn Prediction Analysis A Framework for analysis and predicting the churned customers for the firm

Accomplishments

2023/12	Datathon Best Project Award <i>IIM Bangalore and DCAL Technologies</i>
2023/05	Proficiency Award <i>Dr. Mahalingam College of Engineering and Technology</i>
2022	President of INVICTUS <i>Dr. Mahalingam College of Engineering and Technology</i> INVICTUS - Department's Student Association
2024/05/07	Best Project Award <i>Dr. Mahalingam College of Engineering and Technology</i> INVICTUS - Department's Students Association

Languages

• Java	• Python	• C
• HTML	• CSS	

Tools

Google Collab	Jupyter Notebook
Visual Studio Code	Microsoft Power BI
MySQL	

Certificates

BEC Preliminary Level-B1	Joy of Computing using Python NPTEL
TCS iON Career Edge - Young Professional	AWS - Machine Learning Foundations
Ultimate Web Developer and Web Designer Udemy	