

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

## Professional Experience

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

## Skills

Machine Learning

Exploratory Data Analysis

Data Visualization

Database Management

Team Work

Communication

## Projects

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2023/04 – 2023/05	<b>House Price Prediction</b> A Machine Learning Framework for Accurate Property Valuation
2023/10 – 2023/12	<b>iD Fresh Foods Forecasting Models</b> Set of models to predict future growth of iD Fresh Foods
2024/04 – 2024/07	<b>Telecom Customer Churn Prediction Analysis</b> A Framework for analysis and predicting the churned customers for the firm

## Accomplishments

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

## Languages

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• Java	• Python	• C
• HTML	• CSS	

## Tools

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Google Collab	Jupyter Notebook
Visual Studio Code	Microsoft Power BI
MySQL	

## Certificates

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<b>BEC Preliminary - Level-B1</b> Cambridge University and Assessments	<b>Joy of Computing using Python - Elite + Silver</b> NPTEL
<b>TCS iON Career Edge - Young Professional</b> Tata Consultancy Services	<b>AWS - Machine Learning Foundations</b> Amazon Web Services
<b>Ultimate Web Developer and Web Designer</b> Udemy	<b>Machine Learning - Grade A+</b> Rinex Technologies Pvt Ltd