

PUGAZHENTHI M

Mern Full Stack Developer

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SUMMARY

Motivated Computer Science undergraduate with hands-on exposure to Data Science, Machine Learning, and Internet of Things through internships and coursework. Strong foundation in programming, data analysis, and problem-solving. Passionate about applying technology to real-world challenges through projects, internships, and collaborative work.

EDUCATION

Sathyabama Institute of Science and Technology | 2023-2026 | CGPA 7.45
Bharathidasan Matriculation Higher Secondary School | 2022-2023 | 70%

SKILLS

Web Technologies	HTML, CSS, JavaScript, Bootstrap, React.js, Express.js, MongoDB, node.js
Programming	MySQL
Tools	GitHub, Visual Studio Code, Canva
Soft Skills	Problem Solving, Team Collaboration, Adaptability, Communication, Time Management

PROJECTS

METRIC BUSINESS

Designed and managed databases and websites for Metric Business, developed a scalable ad-serving platform, and supported educational systems including Blackboard-based online classroom management.

Time Series Forecasting of COVID-19 Cases in India

Developed COVID-19 case forecasting models using ARIMA and SARIMAX with data preprocessing, EDA, and evaluation via RMSE & MAPE, achieving higher accuracy with SARIMAX and visualizing results using Matplotlib and Seaborn

HR Analytics for Employee Attrition Analysis and Prediction

HR Analytics for Employee Attrition Analysis and Prediction Analyzed employee data to find attrition causes Performed EDA on 14,999 records High attrition in HR, Accounting, Technical Fewer projects → higher attrition More projects → burnout risk Low salary → high attrition Suggested workload balance & better pay.

Sneaky

Analyzed employee data using EDA to identify key attrition drivers such as department, workload, and salary, and proposed solutions like balanced project allocation and improved compensation to reduce turnover.

INTERNSHIP EXPERIENCE

Data Science Intern EDIFY Techno Solutions, Chennai June 2024– July 2024

- Gained practical exposure to data analysis and basic machine learning concepts
- Worked with datasets to understand trends and patterns
- Assisted in report preparation and data interpretation

Internet of Things Intern Retech Solutions, Tambaram West May 2025– June 2025

- Learned fundamentals of IoT architecture and sensor-based systems
 - Worked on basic IoT applications and device connectivity
 - Assisted in testing and implementation of IoT solutions
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CERTIFICATES

Data Science	Edify techno Solutions
Machine Learning	EdiGlobe
Internet of Things	RETECH SOLUTIONS PVT LTD