

ABINAYA P

+91 9840686360 | abinayap295@gmail.com | Perambalur, Tamilnadu, 621212.

Linkedin-www.linkedin.com/in/abinaya-p-a8b485225

React.js Developer

PROFESSIONAL EXPERIENCE

TechSaint Technologies pvt.ltd— Web Development Intern

2025-Present

Tech Stack: **React.js, Node.js, Express.js, MySQL**

- Contributing to **real-time, client-based projects** including a full-scale **e-commerce application**, focusing on **responsive UI development using React.js** and **backend integration with Node.js**.
- Handling **database design and operations with MySQL**, implementing key features like user authentication, product management, and scalable data workflows.
- Working in an **Agile environment with Git version control**, actively participating in code reviews, testing, and **deployment of production-ready full-stack applications**.

VDart Inc. — Data Analytics Intern

July 2024

- **Spearheaded data analytics projects**, including **customer churn prediction** and **YouTube content optimization**, utilizing machine learning algorithms (**Random Forest, Logistic Regression**) and **Python** to generate actionable insights.
- Extracted and analyzed **YouTube channel data** using the **YouTube Data API** and created **interactive Power BI dashboards** with **automated refresh capabilities**, enabling **real-time analytics** and optimizing decision-making. Conducted **ETL processes** with **Python** and **SQL** to efficiently transform **large datasets**, improving **process efficiency** and reducing costs.

Infilabs — AI & ML Intern

Jun 2023

- Researched and analyzed data trends to enhance the accuracy of **machine learning models**.
- Developed **CNN-based** disease diagnosis systems using **Grad-CAM** for medical image analysis
- Conducted **data preprocessing** and feature analysis to improve model reliability and explainability.

EDUCATION

B.Tech in Artificial Intelligence & Data Science

2021-2025

M.A.M College of Engineering 8.0/10 GPA

TECHNICAL SKILLS

Languages/Tools: Python, Mysql, Java script, Java, HTML, Power BI, Git, VS Code, Postman, Eclipse.

Libraries/Frameworks: React.js, Express.js, node js, Tailwind CSS, Springboot, Numpy, Keras,

Ensemble, Trees, Hadoop, BeautifulSoup, Matplotlib, Random Forest.

KeySkills: RESTful APIs, Agile Methodologies, Data Analysis, Machine Learning Algorithms, BigData, Data Visualizations, Neural Networks, Data Quality, Business Strategy, NLP.

Certification : Full stack development course capgemini sponsored TNSIF C2TC March-April 2024

(https://drive.google.com/file/d/1ilBhYmeebJ2lnFmegbFzxhdtXuFM_Zyd/view?usp=sharing)

PROJECTS

Shopping Mall Management System

- Developed a **full-stack web application** using **node js (backend)** and **Angular (frontend)** for managing **malls, stores, and products**.
- Engineered **RESTful APIs** with **Spring Boot**, implementing **CRUD operations** for seamless **data management**.
- Designed a **responsive UI** using **Angular, JavaScript, HTML5, and CSS3**, enhancing **user experience** with **Angular Material components**.

Grievances Management System

- Developed a **Grievances Management System** using [**tech stack-React.js, node.js, Express.js MySQL**] to streamline complaint registration and resolution workflows.
- Implemented **user authentication, admin dashboards, and status tracking** features to enhance transparency and accountability.
- Reduced response time for **grievance handling** by **automating notifications** and centralized data access, improving overall efficiency.