Arshath Abdulla A

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SUMMARY

I am an AI & Data Science student with hands-on experience in Python, Machine Learning, Web Development, and Data Science. I have built real-world projects such as health prediction systems, web apps, Django applications, and automated tools that solve practical problems. I work with focus, consistency, and a strong commitment to learning new skills. Through my projects and internships, I have gained solid experience in data analysis, model building, backend development, and creating user-friendly applications. My goal is to grow as a skilled engineer, build meaningful solutions, and improve myself with every challenge I face.

EXPERIENCE

Sales & Operations Assistant
Kanmani Readymades   **April 2022 – Present, Madurai,Tamilnadu**
· Managed customer interaction, billing, and inventory handling in a family-owned retail shop.
· Took responsibility for daily operations by assisting the store manager/owner, ensuring smooth workflow and quick decision-making.
· Handled busy hours independently, improving customer satisfaction and operational efficiency.

Data Scientist
Vinsup Infotech (P) LTD(Intern)   **July 2025 – August 2025, Madurai, Tamilnadu**
· Assisted in cleaning, preprocessing, and analyzing datasets to support real-time project requirements.
· Worked with Python, Pandas, and Machine Learning algorithms to build basic predictive models.
· Generated insights from data and contributed to the preparation of project reports and visualizations.
· Collaborated with mentors and team members to understand real industry workflows and improve problem-solving skills.

PROJECT

SRM Relay (Campus Communication App)
SRM Madurai College For Engineering And Technology · August 2025 – November 2025
· Built a role-based communication app (Principal, VP, HOD, Staff) with secure authentication, admin dashboard, persistent inbox, and audio message playback. Implemented role-based permissions and stable database storage.
· Awarded certificate by the college principal.
· Tech: *Flutter, Firebase Authentication, Firebase Firestore, Role Management.*, DB Persistence.

Notes App (Django)
May 2025 – November 2025
· Built a CRUD-based notes management web app to learn Django fundamentals.
· Tech: Django, SQLite.

GPA/CGPA Calculator (Anna University)
July 2025 – July 2025
· Developed a GPA & CGPA calculator with semester inputs and downloadable PDF reports.
· Tech: Streamlit, Python.

Smart Health Prediction System using Machine Learning
June 2025 – July 2025
· Developed a disease-prediction model using RandomForest on 55+ diseases and deployed using Streamlit.
· Added a doctor_info module with precautions and remedies for user guidance.
· Tech: Python, scikit-learn, Streamlit.

Shop Payment Tracker App
April 2025 – April 2025
· Created a simple payment tracking tool with Excel auto-save, filters, and summary view.
· Tech: Streamlit, Excel Automation

EDUCATION

Bachelor of Technology
SRM Madurai College For Engineering And Technology · Sivagangai,Tamilnadu · 2028 · 7.48CGPA

HSC–Higher Secondary

Seventh Day Adventist Matriculation Higher Secondary School · Madurai,Tamil Nadu · 2024 · 80.8%

CERTIFICATIONS

Programming in Java

NPTEL (Online) · 2025

Natural Language Processing (NLP)

SRM University (Online) · 2025

Employability Skills

Skill India (Online) · 2025

Internet of Things (IoT)

Fundamentals SRM University (Online) · 2024

INVOLVEMENT

App Developer

SRM Madurai College For Engineering And Technology · August 2025 – Present

· Contributed to campus–level app development activities, focusing on building practical, user–friendly applications.

· Participated in designing and improving internal tools such as the **SRM Relay** communication system.

· Worked on frontend and backend components using Python, Django, and Streamlit.

· Collaborated with staff and student teams to understand requirements and implement solutions.

· Improved workflow efficiency by managing role–based access, secure authentication, and data organization.

· Assisted in testing, debugging, and refining application features for smoother user experience.

· Gained real exposure to full–stack development, version control, and deployment practices.

· Applied classroom learning to real projects, strengthening logical thinking and problem–solving.

· Supported documentation and demonstration of app features for college–level evaluations.

· Built communication and teamwork skills through continuous coordination with faculty and peers.

SKILLS

Programming Languages: Python and SQL

Web Development: Django, Streamlit, REST APIs, Responsive Web Design

App Development: Android (Basic), Streamlit Apps, Web Apps, UI/UX Design Fundamentals

Artificial Intelligence & Machine Learning: Machine Learning (scikit-learn), Data Preprocessing, Feature Engineering, Model Evaluation, AI Automation, OCR Basics

Data Science & Analytics: Pandas, NumPy, Data Visualization (Matplotlib, Seaborn), Power BI, Data Cleaning & Analysis

Tools & Platforms: GitHub, VS Code, Jupyter Notebook, Excel, Power BI, Google Cloud (Basic)

Soft Skills: Problem Solving, Communication, Teamwork, Time Management, Fast Learning