

DIVYAN S

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SUMMARY

Pursuing an integrated M.Sc. in Software Systems with a solid understanding of programming, web technologies, and data handling. Experienced in building hands-on projects that apply technical knowledge to real-world challenges. Actively seeking opportunities to expand skills through practical projects and internships. Committed to continuous learning, effective problem-solving, and contributing to impactful software and data-driven solutions.

EDUCATION

PSG COLLEGE OF ARTS & SCIENCE , COIMBATORE

M.Sc. Software Systems (Integrated Course), Bharathiar University

2022-2027

GHSS PERUMANALLUR

12th Grade, State Board – Percentage: 84.3%

2021-2022

GHSS KANAKKAMPALAYAM

10th Grade, State Board – Percentage: 86.0%

2019-2020

TECHNICAL SKILLS

Programming Languages:

C, C++, Python, HTML, CSS, Javascript

DataBases:

MySQL, Excel

Tools & Platforms:

VS Code, Android Studio, Jupyter Notebook

Core Area:

Machine Learning, Web Development, UI Design

CERTIFICATIONS

- Python Basics – University of Michigan (Coursera)
- Python for Data Science – NPTEL
- Database Management Systems – NPTEL
- Data Visualization in Business Intelligence – PSGCAS
- Java for Android – Vanderbilt University (Coursera)
- JavaScript – GUVI

PROJECTS

1. SOFTWARE DEVELOPER SALARY PREDICTION USING MACHINE LEARNING ALGORITHMS :

Technologies: Python, Machine Learning, Streamlit

- Built a web app to predict developer salaries using Stack Overflow survey data.
- Implemented data preprocessing, model training (Linear Regression, Decision Trees), and visual analytics.
- Users can interactively explore salary trends by country and experience level.

2. WHATSAPP CHAT ANALYZER FOR INSIGHTS AND VISUALIZATION :

Technologies: Python, Pandas, Streamlit, Matplotlib, Seaborn

- Developed a tool to analyze WhatsApp chat exports and visualize message patterns.
- Extracted insights on user activity, emoji usage, word clouds, and media sharing trends.
- Improved code performance for large group chats and ensured interactive filtering.