C NATARAJ

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SUMMARY

Motivated B.Tech student in Computer Science with a focus on Data Science. Proficient in Python, SQL, data visualization tools and Graphic Designing. Experienced in applying machine learning, deep learning, data mining, and predictive modeling techniques. Skilled in analyzing and interpreting complex datasets to drive decision-making.I'm eager to contribute to real-world projects and collaborate with industry professionals to advance organizational goals.

EDUCATION

- **Periyar Maniammai Institute of Science and Technology**   Vallam, Thanjavur
  B.Tech - Computer Science and Engineering with Specialization in Data Science ; CGPA: 8.56   2021 - 2025
  - Courses: Data Structures, Analysis of Algorithms, Artificial Intelligence, Machine Learning, Data Analysis, Operating Systems, Databases, Computer Science , Mathematics , Deep Learning , IoT , Data Mining
- **Veludayar Higher Secondary School**   Thiruvarur
  HSC – XII (Stateboard) ; Percentage : 85%   2020 – 2021

SKILLS SUMMARY

- **Languages**: Python
- **Databases**: MySQL, PostgreSQL, SQLite
- **Visualization Tools**: Tableau; PowerBI, Pandas, Matplotlib, Seaborn
- **Platforms**: Linux, Windows,Raspberry Pi,
- **Other Skills**: Data Analysis, Data Modelling, Data Visualization, Statistics, AdobePS ,Canva, Excel, Leadership

EXPERIENCE

- **Zidio Development**   Remote
  Data Scientist Intern   Jul 2024 - Present
  - Applied data science techniques to real-world problems, delivering actionable insights and solutions .
  - Utilized Python and tools like pandas, NumPy, and Matplotlib to clean, analyze, and visualize data & developed and evaluated machine learning models to predict trends and outcomes and gained experience in data manipulation, statistical analysis, and model deployment.

- **A2Z Technology Services ,Thiruvarur**   On-Site
  Graphic Designer Intern   Jun 2024 – Jul 2024
  - Gained proficiency in industry-standard tools such as Adobe Photoshop, Illustrator,Canva etc.
  - Designed logos, brochures, and social media graphics to support marketing campaigns.Worked closely with the marketing team to ensure cohesive visual branding and effective communication of ideas

- **EK Academy, Thanjavur**   On-Site
  Python Developer Intern   Jun 2023 – Jul 2023
  - Acquired foundational knowledge of Python, including syntax, data structures, and basic algorithms.
  - Developed and tested various simple games using Python to strengthen coding skills and problem-solving abilities and developed search engine project focusing on optimizing word occurrence algorithms for efficient information retrieval.

PROJECTS

- **Classification of Diabetes Disease**: Developed this project using five distinct machine learning algorithms: logistic regression, Gaussian Naive Bayes, decision tree, support vector machine (SVM), and neural networks The Project aims to compare the performance of these algorithms in accurately predicting diabetes status based on patient medical data.
- **Exploratory Data Analysis of Student Mental Health**: Developed a model that focuses on understanding various aspects of student mental health based on a dataset includes information about students gender, age, course, year of study, CGPA, marital status, and anxiety, panic attacks, and seeking specialist treatment.

KEY ACHIEVEMENTS

- NPTEL Certified - The joy of computing using python.
- Participated in the Spring 2024 Battle of Brains Hackathon.
- Completed virtual internship in Data Science at Codsoft and Tech Octanet.
- Trained in Computer Networking, Troubleshooting and Hardware Maintenance.

LANGUAGES

- Tamil
- English