PAVITHRAN N

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Skills

- C# | .NET | Java | JavaScript | TypeScript | C++ | C | CosmosDB | MSSQL | Node | Express | React | Vue | Redux | jQuery | NoSQL | Git
- Azure | Cloud Computing | CI/CD | XUnit | Jest | Cucumber | Nightwatch | Unit Testing | Lambda | OOP | Unity 2D | Game Development
- Communication | Leadership | Grit | Interpersonal skills | Organisation | English, Tamil |Teamwork | Ethics – *All professional proficiency or above*

Education

| **Bachelor of Technology (B.Tech) in Information Technology** | *Trichy, Tamilnadu* | **06/2019 – 04/2023** |

- Kongunadu College of Engineering and Technology (Anna University), (Trichy, Tamilnadu)
- CGPA: 8.41

| **Higher Secondary Education (HSC**) | *Perriyakanalapatti, Tirupathur* | **06/2018 – 05/2019** |

- Government Higher Secondary School
- Percentage: 66.5

| **School Leaving Certificate (SSLC)** | *Perriyakanalapatti, Tirupathur* | **06/2016 – 05/2017** |

- Government Higher Secondary School
- Percentage: 87.8

Professional Experience

| **Parkinson's disease Prediction through Handwriting Analysis** | **01/ 2023 - 03/ 2023** |

- Initiated and led comprehensive research and Data Science initiatives, implementing Python, OpenCV, Scikit-learn, TensorFlow to extract valuable insights and enhance predictive modelling.
- Spearheaded the extraction of crucial handwriting features for the prediction model, resulting in a 15% improvement in prediction accuracy.

| **Food Delivery App Development** | **06/ 2022 - 12/ 2022** |

- Led the Development Team in implementing innovative solutions using React Native, Node.js, and MongoDB.
- Successfully launched the app, resulting in a 20% increase in user engagement within the first 3 months.
- Contributed to a 15% reduction in backend processing time, streamlining data processing with improved efficiency.

Internship

| **Spin Spider Technology** | *Trichy, Tamil Nadu* | **08/2022 - 08/2022** *(Duration: 15 days)* |

- Implemented scalable and efficient Node.js applications, resulting in a 20% reduction in processing time.
- Conducted testing and debugging, leading to a 20% decrease in errors.
- Optimized database interactions, improving retrieval times by 15% and enhancing overall system performance.

Certifications

Machine Learning with Python: Applied ML in real scenarios, showcased Python proficiency.	*IBM*	**05/2023 - 06/2023**
Data Analytics Essentials: Extracted insights, used data visualization	*CISCO*	**06/2023 - 07/2023**
Python 101 for Data Science: Strengthened Python for data science.	*IBM*	**05/2023 - 07/2023**
Career Essentials in Generative AI by Microsoft and LinkedIn: Applied for problem-solving and creativity.	*Microsoft*	**04/2023 - 08/2023**

Memberships

- **Professional membership:** Multimedia Club| Rotary Club| CSI Club
- **Computer Science Tutor:** Programming | Data Structure and Algorithms | career advice | coding interview prep

Others

- **Awards and Honour:** Best Performer in IOT **(07/2019)**| Second Prize in Running **(10/2013)**
- **Course work**: Advanced Machine Learning | Open Source Software Engineering | Advanced Interactive Graphics | Compilers + Practicum
- **Hobbies**: Photography |Trail Running |Cooking
- **Publication:** Jain, D. Das, and A. Saxena. "Planit: A crowdsourcing approach for learning to plan paths from large scale preference feedback". Tech Report, ICRA, in press.