Ashwin T

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Education

Amrita Vishwa Vidyapeetham   **September 2022 – Present**
B.Tech. in Computer Science Engineering
CGPA: 8.33/10 (Top 15%)

Maharishi Vidya Mandir - CBSE   **2022**
Higher Secondary - Science (PCM)
Percentage: 94.4%

Experience

Student Intern - United Techno (Product Engineering Services)   **June 2024 – July 2024**
Machine Learning   Chennai, India

- Developed a feature extraction application from EHRs, reducing processing time from 3-4 hours to 5-10 minutes, achieving a 90% reduction in operational time.
- Fine-tuned the "roberta-base" model utilizing the SQuAD2.0 dataset, which improved extraction accuracy to 92%.
- Technologies: Python, Flask, Hugging Face Transformers, SQL Server, Streamlit

Projects

ExtractoMate – Python, Flask, HTML5, CSS3, Hugging Face Transformers – GitHub

- Created ExtractoMate, a tool that streamlines data processing, reducing time by 90%.
- Enables input of specific queries/labels, achieving 85% accuracy with Hugging Face Transformers.
- Facilitates user access to JSON and CSV downloads, enhancing integration capabilities by 80%.

Money Mate – Node.js, Express.js, MySQL, React.js, Tailwind UI – Server, Client

- Designed a personal finance management system that reduces unnecessary expenses by 20% and improves budget tracking.
- Implemented data visualization tools, providing real-time insights into spending patterns for informed decision-making.
- Created functionalities for categorising more than 100 expenses and income streams.

Technical Skills

Programming Languages: C, C++, Python
Databases: MySQL, SQL Server
Web Technologies: JavaScript, HTML5, CSS3, React.js, Node.js, Tailwind, Express.js, Flask, Sequelize
Tools: Git, Visual Studio Code, PyCharm, Jupyter Notebook

Coding Profiles

- CodeChef - 2-star rating (Max Rating: 1556), Starters 148 Div4 (Global Rank: 122)
- LeetCode - Completed 150+ problems focused on algorithms and data structures
- HackerRank - 4-star rating in C++

Courses and Certifications

- HTML, CSS, and JavaScript for Web Developers - Coursera, 2023
- Supervised Machine Learning: Regression and Classification - Coursera, 2024