Subramanian S

M. Sc Decision and Computing Sciences (Integrated)

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📍 Coimbatore,India

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🔗 Portfolio

Education

M.Sc Decision and Computing Sciences *Coimbatore Institue of Technology* **CGPA - 8.36**	2021 – present Coimbatore, India
HSC *Lisieux Matriculation Hr. Sec. School* **Percentage - 88%**	2020 – 2021 Coimbatore, India
SSLC *Lisieux Matriculation Hr. Sec. School* **Percentage - 87%**	2018 – 2019 Coimbatore, India

Soft Skills

- Time management
- Team Player
- Adaptability
- Coordinating

Technical Skills

- Python
- Database: MySQL
- Web development
- Machine learning

Areas of Interests

- Full Stack development
- Database Management
- Software development
- Machine learning

Certificates

- Introduction to Machine Learning 🔗
- Python - Mastering the essentials 🔗
- Great Learning: React JS Tutorial 🔗
- Great Learning: Analytics with SQL and Python 🔗

Projects

Automated Candidate Selection ✎

- Developed a Flask-based Python application employing Linear Regression and Random Forest models for candidate selection, achieving an accuracy of 83%.
- Streamlined the hiring process by automating resume analysis and big 5 personality assessments, enhancing efficiency and accuracy in talent acquisition.
- Enhanced candidate experience through personalized email notifications to successful applicants, improving communication and overall recruitment effectiveness.

Online Voting Portal ✎

- Leveraged MERN Stack to craft a cutting-edge voting platform ensuring secure authentication and encrypted, anonymous voting.
- Implemented Git for version control and collaborated efficiently in Visual Studio Code, ensuring seamless development.
- Empowered democratic engagement by enabling voters to participate from any location, fostering transparency and convenience in the electoral process.

Fitness Training Studio ✎

- Leveraged MEAN stack to build a comprehensive fitness companion that empowers users to take charge of their fitness goals.
- The application empowers both users and administrators. Users can view plans, manage profiles, and track progress. Administrators can manage user data and update fitness plans to ensure effectiveness and adapt to user needs.
- The MEAN stack delivers a responsive and user-friendly interface, making it easy to navigate and use and provides a foundation for a scalable system that can handle a growing user base

Transportation Problem ✎

- Created a Python-based logistics optimization tool with Tkinter framework, integrating North-West Corner, Least Cost, and Vogel's Approximation Methods, achieving a 95% accuracy rate.
- Utilized integer programming techniques to optimize transportation logistics, resulting in a 25% reduction in costs and enhanced resource allocation efficiency.
- Streamlined supply chain management processes, delivering significant operational improvements and cost savings through advanced optimization algorithms.

Professional Experience

Data Analyst at Prodigy InfoTech ✎

2023/12 – 2024/01
Remote

ML Intern at CodSoft ✎

2024/01 – 2024/02
Remote

Software Development Intern ✎

2024/07 – present
Coimbatore, India

Workshop

Grant Thornton Lean Six Sigma Yellow Belt - Grant Thornton ✎
National Institute of Technology, Tiruchirappalli

Conversational Data Analytics - Latentview ✎
National Institute of Technology, Tiruchirappalli