**Keerthivasan Saravanan**

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**SUMMARY**

Data science graduate with hands-on experience in financial data management, analysis, and automation. Proficient in Python, R, SQL, tableau, and power BI. Successfully designed a financial tracker managing a £6.7M budget across 9 outlets. Strong skills in machine learning, big data analytics, and cross-functional collaboration. Skilled at delivering impactful solutions through data-driven insights and automation.

**EDUCATION**

**MSc, Data Science, 2:1** | University of Surrey | September 2022 – September 2023

**Modules:** machine learning and data mining, database management systems, cloud computing, practical business analytics, data science principles and practices, computational intelligence, advance web technologies, and natural language processing.

**BE, Electronics and Communication Engineering, 1st** | Anna University | September 2018 – May 2022

**Modules**: applied mathematics, C programming, Linux and C++ programming, data structures and algorithms, analog communications, digital communications, circuit theory, and data communications and networks.

**WORK EXPERIENCE**

**January 2023 – Present**

University of Surrey | Guildford, UK

**Campus Welcome Team Member**

* Managed residential bookings for over 6,000 students, ensuring accurate database entries and maintaining efficient accommodation assignments using Kinetic Kx software.
* Utilised Kinetic Kx for student wellbeing and event management, streamlining operations for student accommodation and campus events.
* Administered the ARX access control system, managing access to approximately 12,000 people, including staffs and students, ensuring security and seamless access to university facilities.
* Collaborated with internal teams to resolve student accommodation issues, enhancing the student onboarding experience through data-driven solutions and streamlined processes.

**Events Team Member**

* Designed and implemented a financial tracker for 9 catering outlets, centralising financial data, and improving reporting accuracy by 20%.
* Automated financial processes using VBA, reducing manual workload by 30%, and enhancing data accuracy.
* Managed logistics, budgets, and resource allocation for 15+ university events annually, with an average of over 3,000 participants.
* Executed multi-faceted event strategies, consistently delivering successful events under budget by 10%.
* Enhanced accuracy of reports by streamlining data entry and validation processes, minimising data entry errors and inconsistencies by 20%.

**EXTRACURRICULAR ACTIVITIES**

* **Team lead,** emote photography club - led a 13-member team in planning and executing over 30 photography events.
* **Event coordinator,** AVANTA tech event- coordinated 3 national-level tech events with an average of 300 participants.
* **Club member,** national cadet corps - conducted HIV awareness drive in 20 villages, managing a group of 50 volunteers.

**SKILLS AND CERTIFICATES**

**Skills :** python, R, C, C++, SQL, flask, visual basic, HTML, CSS, MongoDB, MySQL, SQL server, excel, tableau, power BI, AWS, IBM cloud, google cloud, Microsoft access, docker, and git.

**Certificates:** IBM data science professional certificate, google data analytics certification, and web design certificate.