**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**  **Campus Welcome Team Member (Part-Time)** | University of Surrey | 09/09/2024 - Present | Guildford, UK   * 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 |** University of Surrey | 09/01/2023 - Present | Guildford, UK   * 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. | |

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