

# 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 | 19/09/2022 – 19/09/2023

**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 | 03/09/2018 – 15/05/2022

**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.
- Utilized Kinetic Kx for student wellbeing and event management, streamlining operations for student accommodation and campus events.
- Administered the ARX access control system, managing access for 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.

## 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.