

# SHRIYANSH SAPKOTA

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## PERSONAL STATEMENT

Resourceful and proactive professional with **four years of experience** in software engineering, specializing in data-driven project delivery. Adept at translating requirements into technical solutions, with a keen eye for detail and strong organizational skills. Confident communicator with a track record of engaging both technical and non-technical stakeholders effectively. Known for analytical problem-solving and a driven mindset. Enthusiastic team player with adaptability and commercial awareness. Committed to continuous learning and the integration of emerging technologies. Advocate for diversity and inclusivity, fostering high-performing work environments that encourage creativity and innovation. Dedicated mentor for apprenticeships and careers in STEM fields.

## WORK EXPERIENCE

### BT Group

*Software Engineer Professional - BT Networks*

**Oct 2019 –  
Sep 2022 - Present**

- Developed and delivered end-to-end data automation projects. Collected voice data from Microsoft Teams API's, streamed data through Kafka, merged data into a singular index in Elasticsearch and visualised through Kibana.
- Reduced wait times for the employee searching algorithm at the Tech bar from a minute to two seconds.
- Created an application to track energy consumption, resulting in a decrease in company consumption by 2%.
- Migrated data hub from CDH to CDP, organising the data in our data lake.
- Writing unit tests for Apache Spark Jobs.
- Working in an Agile Environment, in sprints.
- Creating Data Catalogues.
- Working with SharePoint for documentation.
- Configured Hadoop property files and automated oozie workflows.

*Project Management – BT Media & Broadcast*

**Mar 2022 – Sep 2022**

- Co-project managed the Champions League Final 2022, retrieving footage from Stade de France to BT Tower to distribute to an estimated 700 million viewers worldwide.
- Co-project managed the Premier League promotions/relegations for the 22/23 season, ensuring all the correct infrastructure was built in the promoted teams' sites to facilitate seamless streaming of games.
- Sole Project Manager for Scottish Premier League promotions/relegations, ensuring infrastructure was built for the promoted teams and removed from the relegated teams.
- Attended a three-day Agile Methodologies course, learning project management tools such as Kanban board, extreme programming, waterfall methodology, and Laissez-faire leadership.

*Founder & Co-host of the Early Careers Podcast*

**Jan 2022 – Dec 2022**

- Successfully pitched to senior management an Apprenticeship Podcast to address disinformation on early career schemes.
- Raised £10,000, planned episodes, organised filming dates and hosted the podcast series.

*Software Engineer - BT Trading & Command*

**Sep 2019 – Mar 2022**

- Created a program in Python to parse Trading Netrix data for onsite engineers to alert them of any errors.
- Created a standalone Java application which enabled traders to customise their trading turrets based on their preferences.
- Working in a team utilising the Extreme Programming (XP) Framework.
- Worked in DevOps to fix bugs and close tickets for BT Trade.

### Nepisode

**Mar 2020 - Jan 2023**

*Co-founder*

- Founded a podcast at the start of the COVID-19 pandemic to raise awareness for Nepali culture.
- Planned, hosted, recorded, marketed and edited episodes leading to over 6000 monthly listeners.

### Westminster Games Academy

**Jan 2018 – Mar 2018**

*Internship*

- Leading a team through a 3-month internship every Saturday to create a game in Java.

## EDUCATION

### Ravensbourne University

**Jan 2020 – Jun 2023**

### BSc Digital & Technology Solutions (Degree Apprenticeship)

**Degree classification:** First-Class Honours (88%)

**Key Modules:** Network Fundamentals, Information Systems, Business & Mathematical Foundations, Software Fundamentals, Data & Security, Software Engineering end-to-end, Creative Collaboration, Information Systems Development, Advanced Software Engineering, Project Management, Dissertation, Final Major Project.

### Kingsbury High School

**Sep 2012 – Jul 2019**

**A-Levels:** Computer Science; Economics; Mathematics.

SKILLS & PERSONAL DEVELOPMENT

**Technical Skills:** Programming, Python, Hadoop, Unix, MySQL, Testing & Debugging, Object Oriented Design, API Integration, Continuous Integration and Development, Agile Methodologies, GIT Version Control, Project Management, Security, Code Review, Documentation, Problem Solving and more.

**Professional Skills:** Problem-solving, Leadership, Adaptability, Attention to Detail, Emotional Intelligence, Presenting, Analytical, Time Management and more.

**Currently Studying:** Google Cloud Platform Machine Learning Engineer Certification.

**Courses:**

- Aleto Leadership Program 2022
- McKensie Leadership Program 2024

AWARDS

<b>Tech Industry Gold:</b> Apprentice of the Year – Special Achievement	<b>Feb 2023</b>
<b>Multicultural Apprenticeship Award:</b> Highly Commended Judge’s Choice Apprentice of the Year	<b>Oct 2023</b>
<b>Elektra Awards:</b> Bright Sparks Award	<b>Nov 2023</b>

VOLUNTEERING AND EXTRACURRICULARS

<b>GetMyFirstJob,</b> <i>Ambassador</i>	<b>Jun 2023 –</b>
<b>Apprentice Nation,</b> <i>Ambassador</i>	<b>Jun 2023 –</b>
<b>TEDxLondon,</b> <i>TeamX Member</i>	<b>Dec 2022 –</b>
<b>Aleto Foundation,</b> <i>Alumna, Ambassador, Organiser of Programmes</i>	<b>Jul 2022 –</b>
<b>PathwayCTM,</b> <i>Ambassador, Speaker &amp; Mentor</i>	<b>Oct 2019 –</b>

INTERESTS

Jazz, Art, History, Football, Basketball, Tennis.