

Allen Ben Philipose

ANALYST | BIG DATA ENGINEER

[Mail](#) | [About Me](#) | [LinkedIn](#) | **Sydney, NSW**

About Me

Hi, I am Allen. Data analyst with almost 3 years of experience in the healthcare industry, having contributed to cloud-driven data management for delivering high-quality, high-impact business decisions. I am currently pursuing my master's degree in computer science at the University of Sydney and am actively trying to enhance my expertise in cloud architecture and big data engineering.

Experience

ZS Associates

Decision Analytics Associate Consultant

June 2024 – July 2024

Mentored and facilitated inter-team cross functional collaboration by creating a dynamic system for code handling with Git. Conducted technical sessions for skill-development both at team and office level.

Decision Analytics Associate

June 2022 – June 2024

Created data pipelines for generating and delivering recommendations by processing weekly refreshed Real-World Pharmaceutical data. Designed automated pipeline solutions with an architecture that maintained performance and stability on scaling across multiple brands, thus enhancing customer service profitability.

Decision Analytics Intern

Jan 2022 – June 2022

Learnt and worked on analytical processes within the pharmaceutical industry which leverages streaming big data for generating insights and recommendations for clients to enhance their services and product marketing.

Skillship Foundation

UI/UX Tech Lead

Dec 2020 – Aug 2021

Organized technical events for all students within the chapter and mentored select teams to develop new projects in the software domain. Outlined the base structure for the official website.

Design Manager

Sep 2020 – Dec 2020

Standardized thematic approach for social media handles and structured the PR department with guidelines to appropriately market all events hosted by Skillship, which improved attendance and engagement.

IoThinC - VIT

Head of Design

Aug 2020 – Nov 2021

Created events and learning pathways for members in both design and tech domains, enabling them to develop skillsets based on their interests. Supervised both the design and development of the official website. Founded and organized the first IoThon, the flagship IoT hackathon at VIT.

Design Member

Dec 2019 – Aug 2020

Learnt tools commonly used in designing. Worked on integrating design elements into tech user-interfaces.

Education

University of Sydney

Master of Computer Science Class of 2026

Specializing in Data Science and AI. Sydney International Student Award Recipient. Volunteer at USU. Member at GDG Sydney, Engineers Australia and Sydney Computing Society.

Vellore Institute of Technology

Bachelor of Technology Class of 2022

Electronics and Communication Engineering with specialization in IoT and Sensors. **CGPA: 8.87** Senior Member at IEEE Robotics & Automation Society and IEEE Communications Society.

HSC: Physics, Chemistry, Mathematics and Computer Science. Vice Band Major. Rock Band Bass Guitarist.

Projects

Emergency Vehicle Detection 2020

An efficient and cost-effective way to clear the path for an oncoming emergency vehicle using TensorFlow models on traffic surveillance videos.

God's Eye 2021

An advanced security system, automated to trigger alerts and track suspects based on recognition and face re-identification using PyTorch.

Sentiment Analysis on Racism 2020

A study on the uproar caused by police brutality on George Floyd using web scraping and NLTK text analysis on tweets across regions in the US.

Auto Irrigation 2021

Prediction using a multi-feature regression model with scraped values of environmental parameters that impact soil moisture.

Skills

I am Proactive. Professional. Organized. Detail Oriented. Adaptable. Accountable. Passionate. Friendly. Inclusive. Collaborative. Proficient in Communication. A Continuous Learner. A Problem Solver.

Data Science: Natural Language Processing. Computer Vision. TensorFlow. Sci-kit Learn. Pandas.

Data Analytics: SQL. Google Analytics. Microsoft Excel. Tableau. Power BI. BigQuery.

Data Engineering: Apache Spark. Hadoop. PySpark. Airflow. Snowflake. Redshift.

Cloud Architecture: Google Cloud Platform (GCP). Amazon Web Services (AWS). Firebase. ThingSpeak.

General Software: Microsoft PowerPoint. Outlook. Slack. Bitbucket. GitHub. Dialog-flow.

Programming: Python. Java. C. C++. BASH. Assembly. Git. CSS Bootstrap4. PostgreSQL.

Electronics: Arduino. Atmel AVR. Keil. Multisim. PCB. LabView. Verilog HDL.

Design: Figma. Adobe XD. Illustrator. Audition. Premiere Pro. Canva.

Achievements

1 x AWS Certified	30+ Google Cloud Skill Badges	50+ LinkedIn Certifications
8 x HackerRank Certifications	40+ Coursera Certifications	7 x 5* HackerRank Badges
14 x LinkedIn Skill Badges	40+ Percipio Certifications	3* Profile at CodeChef

References available upon request