

Allen Ben Philipose

ANALYST | BIG DATA ENGINEER

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

About Me

A data analyst with almost three years of experience in the healthcare industry using cloud-driven terabyte-sized data to deliver high-quality, high-impact business decisions. I am pursuing my postgraduate 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

Jul 2024 – Jul 2024

Facilitated cross-functional team collaboration by creating a dynamic system for code handling based on Git. Conducted technical sessions for skill development at the team level and onboarding at the office level.

Decision Analytics Associate

Jul 2022 – Jun 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 – Jun 2022

Developed analytical processes within the pharmaceutical industry that leverage incrementally refreshed big data to generate insights and recommendations for clients to enhance their services and product marketing.

Skillship Foundation

Technical Lead (UI/UX)

Dec 2020 – Aug 2021

Mentored select teams on technical aspects of web frameworks to develop projects in the software domain involving full-stack applications. Headed the front-end team to outline the structure for the official website.

Design Manager

Sep 2020 – Aug 2021

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 design and tech domains, enabling them to develop skillsets based on their interests. Founded and organized the first IoThon, the flagship IoT hackathon at VIT. Organized and supported the development of projects in the Machine Learning Domain as the ML Tech lead.

Core Design Member

Dec 2019 – Jul 2020

Gained expertise in legacy designing tools. Worked on integrating design elements into tech user interfaces.

Education

University of Sydney

Master of Computer Science

2026

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

Vellore Institute of Technology

Bachelor of Technology

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

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

God's Eye

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

Sentiment Analysis on Racism

A study on the uproar caused by police brutality on George Floyd using NLTK text analysis on web-scraped tweets from various regions of the US.

Soil Moisture Prediction

A predictive multi-feature regression model that enables automatic farmland irrigation by analyzing environmental factors that impact soil moisture.

Skills

I am Proactive. Professional. Organized. Meticulous. Accountable. Enthusiastic. Inclusive. Collaborative. Proficient in Communication. A Continuous Learner. A Problem-Solver.

I specialize in creating and optimizing Scalable pipelines for the Automation of Big Data Analytics.

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. Amazon Web Services. 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