

Anushka Sandeepa

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SUMMARY

Master of Data Science graduate with skills in machine learning, analytics, optimisation, automation and cloud technologies. Delivered reporting automation that cut manual effort by 80 percent and contributed to predictive modelling, dashboards and workflow improvements during an Australian data analyst internship. With strengths in statistics, data engineering and full stack development, I build practical, scalable and data driven solutions. Seeking opportunities across data, analytics and AI disciplines within the Australian tech sector.

EDUCATION

Master of Data Science

University of Western Australia - Perth, WA | Feb 2024 – Dec 2025

Bachelor of Science Engineering (Hons) in Computer Systems Engineering

NSBM Green University - Homagama, Sri Lanka | Mar 2018 - Dec 2022

Honors: 1st Class Honors (GPA – 3.85)

Diploma in Information & Communication Technology

ICBT Camps - Galle, Sri Lanka | Aug 2017 - Mar 2018

EXPERIENCE

Data Analyst Intern

Alike^{WA} Inc. – Perth, WA | Jul 2025 – Oct 2025

- Designed and developed **Alike Analytica**, a full-stack **desktop analytics platform** built with **Electron + React**, automating evaluation reporting for workshops and events.
- Integrated data from **Microsoft Forms and Excel** into a unified structured workflow, eliminating manual spreadsheet handling and improving reporting efficiency by over 80%.
- Implemented **Python-based automation pipelines** for calculating confidence and satisfaction metrics, generating visual reports, and exporting summaries in PDF / Excel formats.
- Created a **user-friendly interface** for uploading, processing, and visualising workshop, SOL comparison, and social-media evaluation data.
- Strengthened skills in **data automation, visualisation, and system design**, contributing to sustainable, data-driven decision-making practices for the organisation.

Software Engineer

Amerck Inc. – Kirulapone, Sri Lanka | Sep 2022 - Jan 2024

- Advanced from Trainee to Software Engineer through proven technical performance.
- Delivered web applications using React.js, Node.js, Express.js, and Java, aligning with user and business needs.
- Led debugging/testing, improving legacy system stability by 40% and reducing support overhead.
- Gathered and analysed requirements, translating them into technical specs and production-ready features.
- Coordinated with stakeholders to translate business requirements into production-ready features.
- Managed AWS deployments and authored system documentation for internal teams.

Trainee Software Engineer

Sierra Technology Holdings (Pvt) Ltd – Nugegoda, Sri Lanka | Feb 2020 - Aug 2020

- Developed patient EMR system and presented it to the NBQSA 2020 competition.
- Collaborated with senior personnel to troubleshoot and diagnose issues with equipment.
- Provided technical support for engineering staff during installation activities.
- Maintained detailed meeting notes and diligently managed product documentation.

CO-CURRICULAR AND EXTRACURRICULAR

- President from 2020 to 2022 at the Association of Engineering at NSBM Green University, Sri Lanka.
- Director of Marketing & Promotions from 2019 to 2020 at the NSBM IEEE Student Branch, Sri Lanka.
- Club Coordinator of the Drama Club from 2018 to 2020 at NSBM Green University, Sri Lanka.
- Club Coordinator of the Swimming Club from 2018 to 2022 at NSBM Green University, Sri Lanka.

AWARDS & CERTIFICATES

- Best Performance Award (2022) on BSc. Eng. (Hons) in Computer Systems Engineering at NSBM Green University, Sri Lanka.
- AWS Academy Graduate, completed [AWS Academy Cloud Foundations](#) course issued by Amazon Web Services Training and Certification in 2022.
- AWS Cloud Quest: Generative AI Practitioner, completed hands-on training in generative AI using Amazon Bedrock, SageMaker, Lambda and DynamoDB.

SKILLS

- **Data Science & Machine Learning:** Built classification/predictive models on 50k+ records to extract actionable insights.
- **Data Engineering & Automation:** Designed pipelines and schemas to improve scalability and reporting accuracy.
- **Technical Documentation and Technical Support:** Skilled in creating comprehensive technical documentation and providing effective technical support to ensure smooth project execution.
- **Risk Assessment:** Experienced in conducting thorough risk assessments and implementing strategies to mitigate potential risks.
- **Object-Oriented Programming and Scripting:** Proficient in implementing object-oriented programming principles and scripting languages to develop efficient software solutions.
- **Testing and Debugging:** Experienced in performing rigorous testing and debugging of software applications to ensure high quality and functionality.
- **AWS Web Hosting and Deployment:** Skilled in deploying and hosting web applications on Amazon Web Services (AWS), ensuring seamless performance and scalability.

REFEREES

Amanda Muir

B. Creative Industries (Marketing & Communications)
CEO of [Alike WA](#)
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Mr. Dumeen Abeywickrema

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