

Anushka Sandeepa

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SUMMARY

Postgraduate Data Science student at the University of Western Australia, passionate about transforming data into strategic insights. Designed reporting solutions that cut manual reporting time by 80% and deployed predictive models for decision-making. Experienced in machine learning, automation, and cloud deployment. Seeking graduate roles where I can deliver impact through data-driven solutions in the Australian tech and analytics sector.

EDUCATION

Master of Data Science

University of Western Australia - Perth, WA | Feb 2024 - Present

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 – Present

- 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.

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)
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