Anushka Sandeepa

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SUMMARY

Postgraduate Data Science student at the University of Western Australia with knowledge in machine learning, statistical modelling, data engineering, and data visualisation. Proficient in Python, R, SQL, and cloud technologies. Passionate about extracting actionable insights from complex data and applying predictive models to real-world challenges. Currently seeking internships and graduate roles to contribute analytical solutions and support data-driven innovation in dynamic, collaborative environments across 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

Software Engineer
Amerck Inc. – Kirulapone, Sri Lanka | Jan 2023 - Jan 2024

- Collaborated to development of dynamic websites using React JS, Node JS, Express JS, and React-Redux.
- Coordinated with marketing department to meet client satisfaction, aiming to improve product quality.
- Engaged in routine meetings with a team of five engineers in IT department and stakeholders to review project advancements, modifications, and difficulties.
- Analysed user requirements to develop software solutions and created technical specifications.
- Provided comprehensive technical support to customers regarding product usage and participated in operational management tasks.
- Deployed applications on server machines utilizing cloud services including AWS.

Trainee Software Engineer
Amerck Inc. – Kirulapone, Sri Lanka | Sep 2022 - Dec 2022

- Developed, and tested software applications using Java, JavaScript, HTML and CSS.
- Collaborated with the Quality Assurance (QA) department for code reviews aimed at identifying potential errors or areas for improvement.
- Achieved 40% enhancement in product's quality by debugging issues within an existing project.
- Created technical documentation such as user guides, system architecture diagrams and process flows.
- Performed unit testing of code modules to ensure functionality and accuracy of results.

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

- **Web and Software Development**: Proficient in utilizing React.JS, Node.JS, Redux, and MySQL to develop robust and scalable web applications.
- **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.
- **Data Analysis**: Proficient in analysing and interpreting data using various tools and techniques to derive valuable insights for informed decision-making.
- **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

Dr. Chandana Perera
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