

Abhishek Pradeep

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CAREER PROFILE

As an experienced Software Engineer with a strong focus on Data Science and Engineering, now aspiring to transition into the dynamic realm of Data Analytics through this Internship Program. Key qualifications aligning with job criteria are:

- Proven experience as a Software Engineer complemented by a specialized data science master's degree.
- Proficient in python and data analysis, including machine learning for sentiment analysis.
- Meticulous, collaborative, and dedicated to delivering accurate and efficient software engineering projects.

EDUCATION

Master of Information Technology June 2023- Expected Completion June 2025

Specialisation: Data Science and Engineering

University of New South Wales, Sydney, Australia

- Overall Weighted Average Mark (WAM) of 78%.
- Specialized coursework in Data Structures and Algorithms, Database Systems, and Foundations of Computer Science, Machine Learning and Data Services Engineering.
- Continuously learning and applying data analysis tools like Alteryx and Python for ongoing data projects.
- Mental Health and Well-being ambassador at university, actively supporting student wellbeing.
- Successful completion of the Leadership Foundation Program, enhancing leadership skills.

Bachelor of Technology in Electrical and Electronics Engineering

Aug 2016 – Aug 2020

Manipal Institute of Technology, Manipal, India

- Minor in Data Science: excelled in Data Science coursework, applying advanced analytical techniques to extract valuable insights from data.
- Treasurer and Head of Finance (IEEE Student Branch): managed budgeting and financial reporting, ensuring successful execution of technical initiatives and events.

WORK EXPERIENCE AND INTERNSHIPS

Software Engineer

Jan 2021 - Feb 2023

L&T Technology Services, Bengaluru, India

- Recognised with the Spot Award for exceptional performance.
- Designed and developed an efficient Log Analysis Tool utilising python for enhanced data analysis and system monitoring.
- Played a pivotal role in the successful implementation of continuous Integration and delivery practices for software developed for mobile devices, meeting customer requirements.
- Ensured timely resolution of customer- raised tickets as part of the Software Development Life Cycle, maintaining a 100% on-time delivery record using Jira.
- Created innovative functionalities for Mobile Devices using C/C++, enhancing customer experience and satisfaction.

Community Assistant

Aug 2023 - Current

UNSW, Sydney, Australia

- Successfully organized and executed 3-4 community events, enhancing the overall resident experience.
- Demonstrated responsibility and trustworthiness by maintaining a valid Working with Children check.

Engineer Intern

Jan 2020 - Aug 2020

L&T Technology Services, India

- Worked on telecommunication networks in India and developed new test-case specifications for 3GPP.

Summer School Trainee

Sept 2018 - Sept 2018

Meiji University, Tokyo

- Received "A" Grade for performance in assigned activities.
- Collaborated in the recent development of science and technology and experienced the various projects undertaken in the university.

Management Trainee,

May 2018 - Aug 2018

ASEA Brown Boveri (ABB), India

- Managed database handling and mapping of PLCs using Microsoft Office.
- Designed an automation process for a galvanizing steel line using compact control builder software.

RELEVANT PROJECTS

Trip View – C Project

June 2023 – July 2023

UNSW, Sydney, Australia

- Designed and implemented a comprehensive Trip View project using C, showcasing expertise in programming and data structures. Leveraged advanced graph algorithms to facilitate efficient route planning, optimizing travel paths for users.

Sentimental Analysis Model – Python Project

Jan 2020 - Aug 2020

L&T Technology Services, Bengaluru, India

- Designed and implemented a powerful Sentiment Analysis model tool utilizing Machine Learning Models to analyse and interpret customer reviews.

PROFESSIONAL DEVELOPMENT PROGRAMMES

Amazon ML Summer School

Feb – March 2024

Sydney, Australia

- Currently engaged in exploring advanced topics in machine learning, including supervised learning, deep neural networks, probabilistic graphical models, dimensionality reduction and unsupervised learning.

KPMG Foundations Program

Aug 2023

Sydney, Australia

- Participated in a comprehensive one-day program providing insights into the culture and values of KPMG. Acquired knowledge about the company's ethos and operational practices.

TECHNICAL SKILLS

Technical Skills: Python, C Programming, SQL, Machine Learning, Telecommunications Networks(4G/5G) and Data Structures and Algorithms.

Technical Tools: JIRA/Confluence, Git, Alteryx and Microsoft Office

ADDITIONAL COURSES COMPLETED

The Complete Python Bootcamp from Zero to Hero in Python – Udemy

Python For AI and Data Science, IBM – Coursera

John Hopkins Data Science Specialisation – Coursera

Google Data Analytics Courses – Coursera

REFERENCE

Available upon request