

ABHINAV K SINGH

SENIOR ML ENGINEER

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Melbourne, Australia

+61474766857

SUMMARY

I'm a self-motivated, creative technology enthusiast with more than five years of experience in the IT industry, specializing in software engineering, artificial intelligence, and machine learning with a keen interest in cognitive technologies.

EXPERIENCE

03/2022 - present

WOOLIESX - MELBOURNE

Senior ML Engineer

- As a ML Engineer at WooliesX, the technology arm of the Woolworths Group, I spearheaded the development of innovative ML-powered solutions for demand generation and intelligent marketing.
- Employed advanced algorithms and data insights to optimize marketing strategies and enhance customer engagement leading to transformative initiatives, harnessing the power of machine learning to drive targeted campaigns, and personalized experiences.

10/2021 - 03/2022

SERVIAN - MELBOURNE

ML Engineer

- Designed end-to-end machine learning pipelines, leveraging Python, scikit-learn, TensorFlow, and PyTorch to develop and deploy scalable models.
- Collaborated with data scientists to translate complex requirements into efficient solutions and implemented robust data infrastructures for seamless model integration into production.
- I actively explored emerging technologies, contributing to Servian's culture of innovation in data-driven solutions.

02/2021 - 10/2021

6CLICKS - MELBOURNE

AI Engineer

- As an AI Engineer at 6Clicks, I played a pivotal role in the development and enhancement of the Hailey AI Engine, a cornerstone of the company's disruptive GRC platform.
- Leveraged advanced techniques in natural language processing and machine learning to generate actionable insights and automate mundane GRC processes via Hailey AI Engine.
- Working within a multi-tenanted architecture, I collaborated closely with cross-functional teams to integrate the Hailey AI Engine seamlessly into the platform, delivering enhanced functionality and value to users.

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08/2016 - 09/2018

EY - BANGALORE

Associate Consultant

- As a consultant at EY, I specialized in delivering automation solutions from analysis to production, while also assisting clients in establishing and scaling enterprise-wide Robotics Centers of Excellence (CoE). My work spanned diverse industries such as supply chain, banking, asset management, HR, and accounts, where I designed and developed tailored automation solutions to optimize operations and drive efficiency. Leveraging deep technical knowledge and industry insights, I navigated complex challenges to ensure successful implementations, ultimately delivering tangible business transformations and strategic growth for our clients.

EDUCATION

2019 - 2021

THE UNIVERSITY OF MELBOURNE

Master of Information Technology

WAM 84%

2012 - 2016

SRM UNIVERSITY

Bachelor of Technology

GPA 9.7

HONORS AND AWARDS

2019 - 2021

MELBOURNE ENGINEERING SCHOLARSHIP

University of Melbourne

Received Melbourne School of Engineering scholarship for exceptional academic performance

2013 - 2015

SRM ENGINEERING SCHOLARSHIP

SRM University

Received SRM Engineering scholarship for exceptional academic performance

SKILLS

- Python
- Machine Learning
- Kubernetes
- SQL
- PyTorch
- Docker
- Elastic
- scikit-learn