

# INDUSTRY TALK

PETRONAS



## INTRODUCTION

PETRONAS, short for Petroleum Nasional Berhad is a Malaysian oil and gas company that was founded in 1974. Petronas is the largest corporate entity in Malaysia. Petronas is known for its commitment to innovation and sustainability, investing in new technologies and renewable energy solutions. The company increasingly relies on technology for data analysis, software development, cybersecurity, and automation.

## EXECUTIVE SUMMARY



### PETRONAS DIGITAL

Petronas Digital is a unique division of Petronas that places a high priority on digital transformation. It functions under the direction of the CEO and Chief Digital Officer and is essential to creating a more secure, hygienic, and economical business environment. Over the course of 18 to 24 months, the Petronas Digital Young Graduate Program (YGP) offers recent graduates employment opportunities that prioritise hands-on learning, coaching, and assessments in an effort to foster a sustainable talent ecosystem.



### PETRONAS

- a company that focuses on oil, gas and limitless energy source
- works as a solutions partner with government and communities
- sets sustainability goals for sustainable future
- only Malaysian company listed in Fortune 500

## JOB ROLES



### SOFTWARE ENGINEER

- Needs awareness of tech trends and flexibility
- Key skills: analytical thinking, problem-solving, coding, productivity, SDLC and lifelong learning.



### DATA ENGINEER

- Manages data collection, storage, and sharing
- Uses two cloud platforms
- Works with large data from various sources



### DATA SCIENTIST

- Turns raw data into useful insights and business value
- Key skills: strong knowledge of statistics, machine learning, and programming

## REFLECTION

The talk provided an insightful overview of Petronas, focusing on Petronas Digital and the various career opportunities available within the company. It improved our understanding of the oil and gas sector, highlighting present trends, challenges, and future orientations. Digital transformation had sparked our interest and curiosity in exploring the company's projects and innovations. This emphasis on technology and innovation encourages us to think about how we can contribute to the industry's evolution. Overall, the talk was not only informative but also inspiring, motivating us to consider the diverse career paths available and the potential impact we can have in this dynamic field.



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