

# INDUSTRY TALK : PETRONAS DIGITAL

## OVERVIEW

Petronas is a major company in the oil and gas industry, but it's also focusing on digital solutions to improve its operations and offer new services. The company aims to be more than just an energy provider—it wants to solve customer problems and improve lives.

### COMMUNITY ENGAGEMENT AND SUSTAINABILITY

- Petronas is committed to giving back to the community through:
  - Education sponsorships.
  - Community service initiatives.
  - Free access to amenities like KLCC park for public enjoyment.
- The company believes in ensuring a sustainable future for upcoming generations and collaborates with governments for mutual benefit

### PETRONAS AS A FORTUNE 500 COMPANY

- Highlight as the only Malaysian company in Fortune 500, which includes the most profitable companies worldwide.
- A potential career in Petronas offers future sustainability and growth opportunities.

### ROLE EXPECTATIONS

Petronas Digital is looking for graduates in:

- Software Engineering
- Data Engineering
- Data Science



### INTRODUCTION TO THE YOUNG GRADUATE PROGRAM (YGP)

- The YGP is designed for fresh graduates, focusing on sustainable talent ecosystems by preparing them for future roles in the digital sector.
- Employment Structure: This is a permanent employment opportunity with structured on-the-job learning spanning 18-24 months.
- Core Values of YGP:
  - Hard work in digital roles.
  - Emphasis on leadership capabilities and interpersonal skills.
  - Commitment to help employees grow by providing mentorship and guiding them throughout their career path.

### TRAINING AND DEVELOPMENT BY YGP

- The YGP focuses on:
  - Structured upskilling programs.
  - Learning buddy systems for mentorship.
  - Performance-driven culture where supervisors are invested in employee growth.
- Involvement in diverse projects and the opportunity to learn from other departments within Petronas.

### SOFTWARE ENGINEERING

- Current software roles involve a range of tasks, including:
  - Coding and programming knowledge.
  - Participation in the software development lifecycle (SDLC).
  - Exposure to software tools, programming languages, and methodologies like Agile.
- Expectations for software engineers to grow through practical experience and mentorship in an engaging corporate environment.

### DATA ENGINEERING

- Data engineers work to:
  - Collect and harmonize data from various sources to provide for informed decision making process.
  - Utilize platforms like Microsoft Azure and AWS for data management.
- Impressive potential for growth in data analytics and exposure to cutting-edge technologies.

### DATA SCIENCE

- The focus of a data scientist includes:
  - Making actionable insights from raw data to enhance business decisions.
  - Responsibilities include exploratory data analysis, predictive modeling, and operational efficiency improvements.
- Characteristics sought in candidates:
  - Curiosity and continuous learning mindset.
  - Strong programming skills, especially in languages like Python and R.

### APPLICATION PROCESS FOR YGP

- Open to individuals with minimum CGPA of 3.0, Malaysian citizens, and fresh graduates with less than 2 years of work experience.
- Application for upcoming roles through Petronas career portal and indications of interest can be shown via QR codes shared during sessions.
- Intakes are scheduled twice a year, subject to the business needs and requirements.

### EMPLOYMENT VALUE AND PROPOSITION

- Trust: Supportive and diverse working environment promoting respect for individuals.
- Growth Opportunities: Opportunities for professional development across challenging global projects.
- Competitive Rewards: Attractive remuneration combined with emphasis on work-life balance and flexible working arrangements

### REFLECTION

From the talk, it's clear that Petronas is a company that cares about both its people and the world. They offer great career opportunities, especially for those interested in technology and innovation. If you're a fresh graduate, programs like the YGP can help you get the skills and experience you need for a successful career. It's a reminder that companies today are looking for people who are not only skilled but also passionate about making a positive impact.

### CONCLUSION

Petronas Digital encourages students to explore opportunities within, advocating for a supportive work culture focused on sustainability and professional growth



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