

T.I.S INDUSTRY VISIT

# NEWSLETTER

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## PETRONAS AND HUAWEI ULTIMATE GUIDE

### SUMMARY

We visited Petronas and huawei on 17/11/2023. At Petronas we attended two talks from Mr Jeet and Mr Roman kvaskā. All of us learned a lot about the career opportunities and also the possible job scope in the future. They also thought us how to handle problematic situations briefly. At Huawei we learned about the advanced devices available from them.

### TECHNOLOGIES AND ISSUES

BY ASYRAF TERMIZI &amp; ALIF FATHI

During our visit at both PETRONAS and HUAWEI we were given the opportunity to listen to multiple individuals giving talks about their respective professions for example Mr. Romans was PETRONAS's Head Software Engineer, who gave his experience in developing software and back-end maintenance, while Mr. Jeet talked about PETRONAS's cyber security and networking.





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## TECHNOLOGIES

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During our recent visits to PETRONAS and HUAWEI, we had the pleasure of hearing from industry experts who shared their experiences and insights.

At PETRONAS, Mr. Romans, the Head Software Engineer, spoke about his journey in software development and the challenges of maintaining back-end systems. Meanwhile, Mr. Jeet discussed PETRONAS's cybersecurity measures and networking strategies, giving us a glimpse into the company's commitment to digital defense.

At HUAWEI, various speakers provided unique perspectives, showcasing the company's diverse technological expertise.

These talks not only deepened our understanding of these professionals' roles but also offered valuable insights into the broader technological landscape of both PETRONAS and HUAWEI. The firsthand experiences shared during these sessions made our visit an enriching and educational experience.

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## ISSUES

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On our industrial visit, a few challenges arose that impacted the overall experience. The time allocated for the visit, starting from 9 am at PETRONAS until 11 am, felt too long. The registration process at PETRONAS consumed a significant chunk of our time, lasting an hour and causing us to fall behind schedule.

Unfortunately, unforeseen traffic delays further compressed our itinerary. As a result, our visit to HUAWEI, originally scheduled for 11 am to 12 pm, was curtailed to just 30 minutes. This time constraint limited our ability to fully immerse ourselves in the HUAWEI experience.

Despite these challenges, we made the most of the time available, gaining valuable insights during the shortened visits. Moving forward, it may be beneficial to consider adjustments to the schedule or explore ways to streamline administrative processes to ensure a more optimal and fulfilling industrial visit for all participants.

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## REFLECTION

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Attending the talk by Mr. Jeet at the ExxonMobil tower was an enlightening experience that provided valuable insights into the dynamic landscape of the IT industry. Mr. Jeet's discussion on IT infrastructure services, covering aspects such as round-the-clock monitoring, proactive troubleshooting, and optimization of various elements like servers, databases, applications, and development environments, shed light on the critical role these services play in ensuring operational efficiency.

One interesting point was Mr. Jeet's discussion of 5G technology and its impact on the IT sector. Understanding how this technology is assessed and integrated into the industry was informative and thought-provoking. Additionally, the conversation about cloud computing highlighted its significance in shaping the future of IT.

Mr. Roman Kvaska emphasized soft skills in software engineering, adding another layer to the learning experience. Recognizing the importance of programming skills, problem-solving abilities, and interpersonal competencies highlighted the multifaceted nature of success in this field. His tips on interviews, including example questions, were practical and are sure to be beneficial in future job searches.

From the Huawei talk, we learned about some advanced Huawei devices like modems. We also experienced some mind-blowing devices, especially the digital whiteboard. It's so futuristic. Learning about cutting-edge technology and experiencing innovative devices can be both inspiring and eye-opening.

Reflecting on the talk, it not only expanded my understanding of IT infrastructure and emerging technologies but also offered valuable guidance on the comprehensive skill set needed in IT field. The emphasis on a combination of technical expertise and soft skills by both speakers has given me a renewed appreciation for the intricacies and opportunities within the IT industry.