

MUHAMMAD ADIL BIN ELLI

adil.elli09@gmail.com | <https://github.com/adilelli> | [+60103600235](tel:+60103600235)

CAREER PROFILE

Software Engineer with fundamental knowledge of software design, development, and testing. Seeking an entry-level software engineering position which will allow me to demonstrate my excellent analytical, coding and problem-solving skills. Previous experiences include process engineering design and geophysicist seismic processing analysis.

EXPERIENCE

Software Developer (Proximax, KL) - Current

2022

Manual QA (Production):

- Performed QA on Proximax Sirius blockchain wallet, metaverse and MetX Games developer app to check for errors.
- Performed tests on mobile wallet(iOS) to check the stability of the blockchain system.

Unity C# Developer (Production):

- Integrated open-source Unity and HTML5 games with MetX Games platform and Auto Signer API to perform blockchain Transactions.
- Created authentication system for HTML5 games to integrate with MetX Games platform.
- Connect a No-SQL database (Firebase) to mobile game to store player Id's and game score.
- Creating a claim reset system to handle claims effectively and improve gamers' user experience.

Technical Writer (Production):

- Merge updates to Docusaurus documentation for onboarding gamers and game developers.
- Liaised with project managers, infra, marketing and graphic design to obtain necessary links and images for product launch.

MySTEP Software Developer (Proximax, KL)

2022

Manual QA (Test):

- Performed manual QA on Proximax Sirius blockchain wallet and MetX Games developer to check for errors.

Unity C# Developer (Test):

- Integrated open-source Unity games with MetX Games platform and Auto Signer API to perform blockchain Transactions.
- Deep Linking Unity mobile games with MetX Games login system to get player id.
- Connect internal database to mobile game to store player ids and game scores.
- Added Joysticks to move the player, diamonds and counting functions for game scores.

Technical Writer (Production):

- Merge updates to docusaurus documentation to simplify the experience of onboarding game developer.
- Edit tags to ensure that documentation formats are kept consistent.
- Used Git controls to keep updates in sync with the documentations team.

Software Engineering Foundation (TalentLabs)

2022

Technologies:

- JavaScript, SQL, HTML, CSS and the basics GitHub, AWS and automated testing and management skills like agile methodology.

Projects:

- Built a web scraping program to obtain public information via Selenium from TalentLabs and Chrono24.
- Pulled data from SQLite titanic database and performed analysis on mortality rate of titanic.
- Built a marketplace ER Diagram and relational database with SQLite to account for users, seller, product, shop, order, category and review.
- Built a simple calculator based on JavaScript DOM and Bootstrap that adds, minus, times and divide 2 inputs.
- Constructed tic-tac-toe with JavaScript. This is a two-player game that requires user to input position.
- Built a resume via HTML, CSS and Bootstrap.

Geophysicist Intern (Processing Team, DownUnderGeosolutions, KL)

2020

- By the aid of DUG proprietary software Insight, various noises that exist were filtered in the seismic dataset. This improves accuracy in modelling the earth.
- Used strategies like cutting unnecessary seismic shots, traces and shorter window Fourier transform to shorten run time required by the server.

Process Intern (Process Engineering Department, WorleyParsons, KL)

2019

- Performed mark ups on PNID and PFD's to ensure consistency in engineering drawing and documentation according to any given requirement.
- Collected data from different engineering disciplines within given deadlines for benchmarking report for 4 different projects. This was done to estimate manpower for the future projects.

PERSONAL PROJECT

FundMeAWish

2021

- Build a FundMeAWish App via no code [Bubble](#) for present crowdfunding. The app consists of relational database with 5 tables, user interface and a series of workflows (logic).

Chrono24 Marketplace Web Scraping

2022

- Programmed a script where all pages from the Chrono24 watch market listing from all pages are scraped where watch model equals to input prompt. This returns all of the prices of the input watch model and the mean price of the watch.

EDUCATION

University of New South Wales (UNSW), Sydney

Bachelor of Engineering (Hons). in Petroleum Engineering WAM 76.4

2020

Related Assignments and Projects that require programming via Matlab:

- Populate subsurface rock property statistically from a few wells throughout the whole reservoir.
- Convolved wavelet and acoustic impedance (earth) to model seismic signal.
- Petrophysical interpretation was done on log data to obtain potential pay zones.

EXTRACURRICULAR INVOLVEMENT

Academic Exco Badan Perhubungan Sydney (BPS)

2018

- Directed Speak Up! event to let student in Sydney convey their thoughts on the topic "Out of Your Comfort Zone".

SKILLS AND LANGUAGES

Skills:

- JavaScript, Python, SQL, HTML, CSS, Bootstrap, Matlab, GitHub, Linux/UNIX Terminal, AWS (Basic), Bubble, c#.

Languages:

- Bahasa Malaysia, English