JACOB ELALI

SOFTWARE ENGINEER

CONTACT

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CORE SKILLS

- Team leadership – Led software studio 1A&1B teams & team based initiatives
- Communication - Strong social and cultural understanding. English & Arabic language proficiency.
- Can do attitude - Always dedicate and focus on a task until it is complete.
- Problem solving - Core engineering skill developed over the years.

OTHER TECH SKILLS

- Windows & Mac OS.
- PowerShell and Bash terminal.
- Arturo, AWS EC2, AWS S3
- Office 365 & VBA (Excel).
- Docker, SQL, JSON, JWT auth,
- Git, Azure, Bitbucket,Jira, Confluence

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REFERENCES

Available upon request

PROFESSIONAL SUMMARY

Enthusiastic and highly motivated Software Engineer with a keen interest in full-stack web development. Seeking the opportunity to hone my technical skills and dedicate myself to innovative software.

EDUCATION

University of Technology Sydney

2017-2022 | Bachelor of Engineering (Honours) - Software Engineering

- High distinction in Software Engineering studio 1A, 2A, 2B,
- 3A. High distinction in Real-time Operating systems.
- Distinction on Software architecture.
- First Class Honours (75+ WAM)

Newtown Highschool of the Performing Arts

2016 | High School Certificate - Physics & Advanced Mathematics.

WORK EXPERIENCE

Software Engineer at Macquarie Group 2022 July - Present
- Develop, test and maintain java microservice API's in Spring, Java 11.
- Write and execute complicated Sybase SQL scripts.
- Work within Solaris UNIX, write & test shell scripts.

Software Engineer at Prospecta Software 2022 Feb - 2022 July
Prospecta provides Master Data management and data governance services.
- Design, develop and test extensive REST API and backend functionality using Java, Spring, Junit, Elasticsearch.
- Developed production functionality for services being used by enterprise clients such as Optus, Colgate, Emcure Pharma etc.

Software Engineer Intern at Astronaut 2021 Nov - 2022 Feb
Astronaut provides asynchronous video interviewing SAAS to business clients.
- Participate in daily scrum and product design meetings.
- Public API testing using Postman.
- Develop features for admin data logging and analytics using Laravel & React.

Software Engineer Intern at Income Energy 2021 Feb - 2021 Apr
Income energy's was a solar start-up with a goal is to save business owners electricity costs by switching to Solar.

PROJECTS

Mobile and Other programs
Engineering Capstone (41030) and Software Engineering Studio 2A (41095)
- Developed a Natural Language Processing (NLP) program to assist small business owners with assisted Instagram posting using Java, Apache OpenNLP, Apache Tomcat, MongoDB.
- Collaborated on a Java patient-doctor android app with map, heart-rate and messaging features in Android Studio.
- Developed a Swift 'bubble pop' game on IOS in XCode.

WEB (JAVASCRIPT, PYTHON, HTML, CSS, REACT.JS)
Personal and Software Engineering Studio 3A (41097) & 3B (41098)
- Created a website using Django (python) handling appointments and bookings for the UTS HELPS system where I was responsible for creating a records table feature.
- Collaborated on a website on a React & Flask (python) stack including News Articles, Table, Homepage, chatbot & map features.
- Developed and deployed a portfolio website using React and TailwindCSS.