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SUMMARY

- Aerospace Engineering Graduate from the University of New South Wales, who has lived across 4 countries with working experience in each country.
- Recently completed a technical school with projects or achievements in Java Web Development, Cisco Networking, and Azure fundamentals
- Completed military service for home country
- Coached U15 hockey team at UNSW whilst ensuring player skill growth and managed to receive returning offer.
- Passionate about engineering, technology, and building impactful projects. Extremely excited to pursue a career in the engineering industry.

KEY SKILLS

Hard skills	Soft skills
<ul style="list-style-type: none">Web Development Backend: JPA Framework, Jakarta Persistence, Java EE (Jakarta EE), Servlet, MVC, Struts, Hibernate, MyBatis, Spring, SpringBoot, JUnit, Thymeleaf, SQL, MySQL, JSP (EL, JSTL)Web Development Frontend: HTML, CSS, JavaScript, JQuery, Vue, Ajax, Axios, Node.js, Element UI, Bootstrap, TailwindNetworking: CCNACAD: SolidCam, HyperMillOS (REHL, Ubuntu)	<ul style="list-style-type: none">Team workProblem-SolvingTroubleshootingTime ManagementCommunicationAdaptability & FlexibilityLanguages: English, German, Chinese, JapaneseInitiative

HIGHLIGHTED EXPERIENCE

Gjun Technical School, Java Engineer Trainee May 23 – Jan 25 (Taipei, Taiwan)

- Overview: Completed an intensive technical school program, gaining hands-on experience in Java Web Development, CCNA Networking, and earning multiple Microsoft Azure fundamental certifications.
- Creativity: Developed mini projects such as login pages to get familiar with concepts of Spring Boot.
- Attention to Detail: Carefully read error messages to identify the problems and bugs that occurred and solve them.

Pershing Technology Services Corporation, Junior Middleware Engineer Mar 24 – Jul 24 (Taipei, Taiwan)

- Overview: Worked and reported under the middleware department manager to middleware software (IBM MQ Cluster, db2 HADR) services such as troubleshooting and providing strategic advantages of different set ups for different situations.
- Problem Solving: Determined which type of Message Queue is the best for different situations, thus improving the efficiency of message transferring.
- Troubleshooting: Figuring out where the problems are in a complex system including different software and systems.

Warrane College (UNSW), Senior Residential Tutor/Residential Fellow Oct 22 – May 23 (Sydney, Australia)

- Overview: Oversee the floor with junior residential tutor by providing mentorship, fostering a supportive community, and assisting/organizing college operations/event such as daily 30 minutes floor gathering, sports events, and social events.
- Promoting: Promoted the college at different venues, which resulted in a dozen students coming to Warrane for a tour.
- Organization: Organized different activities such as Orientation week (Fresher's week) for incoming residents, as well as mini activities within floor which resulted in friendships and good atmosphere on the floor.
- Problem Solving: Resolved conflicted between residents to facilitate and strengthen culture within the college.
- Leadership: Assist residents in academics and other aspects of their university life by holding fortnightly catch-ups with each member of the floor to ensure growth of individual.

Joby Germany GmbH, Engineer Intern Jun 21 – Oct 21 (Sauerlach, Germany)

- Overview: Joby Aviation is an aerospace company developing all-electrical vertical takeoff and landing (eVTOL) aircraft, aiming to revolutionize urban air mobility with already over 1000 test flights and targeting commercial operations in 2025.
- Problem Solving: Was able to bring two projects to life which benefited the manufacturing process.
- Communication: Facilitated the communication between Germany team and Chinese team by translating to discuss programming problems which accelerated the component production at the China branch. Regular meetings with teams to discuss improvements to my projects which resulted in a suitable user experience to teams that used them.
- Creativity: Created two different applications to help efficiency of manufacturing projects by storing different components in targeted location using SharePoint lists, Power Automate, and Power Apps.

ADDITIONAL EXPERIENCE

R.O.C Air Force, Private First Class (Mandatory Service) Sep 23 – Jan 24 (Chiayi, Taiwan & Taipei, Taiwan)

- Overview: Completed mandatory military service in Taiwan, demonstrating discipline, teamwork, and the ability to perform under pressure in a structured environment.
- Adaptability: Displayed adaptability by quickly adjusting to new environments, culture, language, and routines in a highly structured setting.
- Communication: As a unit (20 soldiers) strong communication was necessary to convey clear instructions to collaborate with team members to ensure efficient task execution and to work through situations in high-pressure situations while fostering team cohesion.

Merivale, Event Staff May 22 – Jun 23 (Sydney, Australia)

- **Overview:** Supported store operations, including customer service, inventory management for the Merivale Stadium teams that's parts of a brand that generates almost 800mil/year in Australia.
- **Customer Service:** Served approx. 200+ customers/shift, and performed various tasks such as barista duties, bartending, runner duties, and stock supplies which resulted in maintaining at least a 4.3* across 10,000+ Google reviews.
- **Attention to Detail:** Ensure VIP rooms were impeccably set up, maintaining high service standards, and delivering personalized guest experiences to meet exclusive client expectations, which often resulted in receiving tips.

Warrane College (UNSW), Receptionist

Jan 22 – May 23 (Sydney Australia)

- **Overview:** Served as the first point of contact at Warrane College, a residential college at UNSW, that has constantly attracted many students because of its vibrant and open community.
- **Multitasking:** Managing front desk inquiries, calls, and administrative tasks while providing excellent customer service in a dynamic community environment, leading to a 4.9 rating on google reviews.

Starbucks, Barista

Nov 18 – Jan 19 (Hong Kong)

- **Overview:** Supported store operations, including customer service, inventory management in a 5-person team for the Island Resort Mall branch that's part of a brand generating 26+bn in global revenue.
- **Communication:** Served approx. 200+ customers/day, provided information for specials and promotions to ensure an increase of revenue each year.
- **Inventory Management:** Performed opening and closing shifts with tasks such as stock replenishment and maintain cleanliness of store to provide a comfortable environment for daily customers.

Field Hockey Club (UNSW), U-15 Hockey Coach

Mar 18 – Nov 18 (Sydney, Australia)

- **Leadership:** Coached U-15 hockey team players using interactive leadership styles with tailored training to ensure growth of individual teams as well as players while maintaining an enjoyable atmosphere, received return offer for the following year.

PROJECT

Gjun Technical School (Taipei, Taiwan), Idiom Application

- **Overview:** Created a full stack web application to help record and practice idioms in different languages.
- **Functions:** Functions: CRUD operations on idioms
- **Frontend:** Vue.js, HTML, CSS, JavaScript, Axios
- **Backend:** Java, Spring Boot, ORM: JPA, SQL, JUnit, Database: MySQL
- **Environment:** Node.js, Eclipse, VS Code, Linux: Ubuntu, Windows

Joby Germany GmbH (Sauerlach, Germany)

- **Project 1 Overview:** Store locations of fixtures and late components with QR code on to shelves with power app interface and recording them in several SharePoint lists.
- **Project 2 Overview:** ccxc Tracks quality of machines regularly and allows reports of problems to be written with choice of different languages available and then recorded in SharePoint list.

5AXperformance GmbH (Inning am Ammersee, Germany), Aluminum Rubik's Cube

- **Overview:** As an Engineer Intern, created a 3x3 Rubik's cube from scratch out of raw aluminum within 3 months (Jan 21 – Apr 21) through CAD and CNC machines.
- **Creativity:** Create a Rubik's cube with a core design that involves attaching springs to the components to allow flexibility of rotation
- **Problem Solving:** Program in G-code to control actions of CNC (Computer numerical control) machines with HyperMILL to allow different components to produce components as designed.
- **Research skills:** Developed strong understanding of different types of materials and drilling process to ensure produced components were within the tolerances.
- **Goal Setting:** Set goals to finish Rubik's cube before Internship ends. 1 Month each: Rubik's cube design on CAD, Programming CNC, Lathing Rubik's cube.

EDUCATION

Bachelor of Engineering Honors (Aerospace) University of New South Wales (UNSW), Australia

Feb 18 – May 23

Courses: Dynamics of Aerospace Vehicles, Systems and Avionics, Aerodynamics, Aerospace Design (I, II), Aerospace Structures, Flight Performance and Propulsion

Exchange Program / Study Abroad Munich University of Applied Sciences (MUAS), Germany

Sep 19 – Mar 21

Courses: Computer Networks, Secure Network Management, Thermodynamics, Control Systems for Automotive and Aerospace Engineering, Dynamics for Engineers, Aerospace Engineering Project, Deutsch als Fremdsprache (IIa, IIb, III)

Secondary School (International Baccalaureate)

Sep 10 – May 17

Courses: HL: Physics, Math, Chemistry, SL: Economics, Japanese ab initio, English

CERTIFICATE

Oracle: Java SE 11 Developer (1Z0-819), Java EE 7 Application Developer (1Z0-900)

Cisco: CCNA (200-301 v1.1)

Microsoft: AI-900, SC-900, AZ-900, DP-900

Telc: Deutsch C1 Hochschule (German)

INTEREST/EXTRACURRICULAR

Tennis (Obsessed with rackets and stringing), Manual Cars, travelling (Nordic countries and Japan next!), Hiking and Camping (Attained "The Hong Kong Award for Young people (Bronze)), Good food

VOLUNTEER/CHARITY

Little Sisters of the poor (Nursery home)

- Helped/volunteered at Mount St Joseph's Aged Care home, run by the Little Sisters of the poor with various tasks at a nursery home including gardening, cooking wash cars, socializing, and interacting with the residents there.

Work camp (Lismore, Australia)

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- Volunteered to help people in Lismore who were affected by the historical flood for a week. Task included helping people with construction/rebuilding of two houses and a hotel that were submerged for many weeks.
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