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## WORK EXPERIENCE

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### **CrimsonLogic Pte Ltd — Senior Product Engineer**

JUL 18 - PRESENT

- Graduate of *Global Technology Associate Program (GTAP)*; a 20-month fast-track graduate program with job rotations and mentoring
- Worked and collaborated with remote team members to deliver product features timely in different business domains such as *Judiciary and Digital Government*
- Developed and maintained product features in legacy versions
- Provided product support to ensure smooth project deliveries and fulfill urgent change requests

### **M1 Limited — RF Planning Engineer**

FEB 17 - JUN 17 (INTERNSHIP)

- Involved actively in performing benchmarking of RF signals (indoors, outdoors) using *Nemo* software
- Analyzed collated data and presented reports to meet *IMDA's coverage QoS Standards*
- Executed field testing at new sites for poor coverage areas; proposed solutions based on-site observation

### **MINDEF — Second Sergeant (2SG), National Service**

MAR 12 - JUL 14

- Appointed Subject Matter Expert for field training
- Co-facilitated fieldcraft and weapon handling training for BMTC School 1 with a team of 27 instructors
- Conducted BMTC tours for parents during recruitment days and for students during National Education tour

## SKILLS

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- Java
- Spring Framework
- Hibernate
- JavaScript
- Node.JS
- React.JS
- SQL
- AWS

## CERTIFICATION

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- AWS Certified Developer - Associate
- Microsoft Azure Fundamentals - (AZ-900, AI-900, DP-900)
- Alibaba Cloud Associate (ACA) - Cloud Computing, Cloud Security
- Scrum Foundation Professional

## VOLUNTEER EXPERIENCE

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- **CL-ITE Mentorship Program 2019:** Guided graduating students on starting an IT career through workshops and experience sharing

## EDUCATION

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### **Nanyang Technological University (NTU), Singapore**

AUG 14 - MAY 18

- Bachelor of Engineering (Electrical and Electronics Engineering)
- Second Class Honours

### **University of Surrey, United Kingdom**

SEP 16 - JAN 17 (SEMESTER EXCHANGE PROGRAM)

- Enriched cross-cultural knowledge by embracing diversities, practices and values
- Gained valuable opportunities to work closely with international students on group projects

## PROJECTS

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### **Side Projects**

- Developed Chrome extensions using *JavaScript* to improve personal productivity
- Created *Notion* templates such as *Team Availability System* and *SG COVID-19 Vaccine Helper* to help users track and manage information

### **Final Year Project** — *Development of Car-to-Computer Interface and Car-to-Car Broadcast for Road Safety enhancement*

AUG 17 - MAY 18

- Collaborated with *NTU-NXP Smart Mobility Experience Lab* to improve road safety using *Vehicular Wi-Fi (V2X)*
- Developed program to interpret vehicular *CAN messages* to broadcast warnings to nearby road users and prevent accidents

### **Design & Innovation Project** — *Engineering for Health, "Thermaband"*

AUG 17 - MAY 18

- Created wearable thermometer with wireless charging and transmission for young children having fever
- Developed *Android* application for parents to track child's status
- Won the Most Popular Award

## LEADERSHIP EXPERIENCE

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- **NTU Outdoor Adventure Club — Main Publicity Officer (2016):**
- Oversaw publicity officers from the club's 6 subcommittees which includes Pumpfest 2016 and Adventure Trail Challenge 2016; Increased participation by 10% for both events
- Set publicity direction for the entire club and introduced an online archiving system to log the club history

## LANGUAGES

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- English (Fluent)
- Mandarin (Fluent)