

# DANIEL ALTAF

## Fullstack Software Engineer



### Work Experience

- Qbeep Intelligent Systems Sdn Bhd**
  - Software Engineer cum. DevOps Engineer**  
February 2024 to present
  - Software Engineer**  
February 2024 to present
- SnapBoss.ai Sdn Bhd**
  - Chief Software Architect, Founding Software Engineer**  
March 2023 to January 2024 (11 Months)
- Vireserve Sdn Bhd**
  - Software Engineer**  
March 2023 to January 2024 (11 Months)
- Intern**  
September 2022 to February 2023 (6 Months)

### Education History

- UiTM Cawangan Perlis**
  - Diploma in Computer Science**  
October 2020 to February 2023
  - Jawatankuasa Perwakilan Non Resident Sesi 2022/2023**
  - Computer Science Diploma Students Associations (COSMITs) President**  
(September 2021 - August 2022)
  - Biro Logistics, Protocol**  
(March 2021- August 2022)
  - Game Master Clan (GMC UITMPs) President**  
(September 2021 - August 2022)
  - Batch Representative**  
(October 2020 - February 2023)

### Relevant Skills

- Language:**
  - HTML, CSS, Javascript / Typescript
  - PHP
  - Bash
  - GoLang
  - Python
- Framework:**
  - Next JS & React JS (Typescript / Javascript)
  - Nest JS / Express JS / Node JS (Typescript)
  - Laravel (PHP)
  - Flutter (Dart)
  - Gin (GoLang)
  - Flask (Python)
- Database:**
  - MySQL, PostgreSQL + PostGIS
  - Firebase Firestore (NoSQL)
- Others:**
  - Tailwind CSS / Bootstrap
  - Docker
  - Microsoft Azure / Google Cloud Platform (GCP) / Hostinger / Vercel
  - Windows & Linux
  - Postman / Curl
  - Canva / Figma
  - Technical Documentation

### Open Source Contribution

- Cari Surau**  
[carisurau.com](https://carisurau.com)  
One stop platform for searching surau around Malaysia
- Malaysia API**  
[malaysiaapi.danielaltaf.dev](https://malaysiaapi.danielaltaf.dev)  
Centralize API of open data from Government of Malaysia, Non Government Organization and third party sources
- Ideaspace**  
[ideaspace.nrmnqdds.com](https://ideaspace.nrmnqdds.com)  
Project idea dumping site where one's idea could be a reality
- Sedekah Je**  
[sedekah.je](https://sedekah.je)  
Malaysian platform that facilitates QR code-based donations, making charitable giving more accessible and convenient.
- AevumFlow**  
[aevumflow.danielaltaf.dev](https://aevumflow.danielaltaf.dev)  
Malaysian platform that facilitates QR code-based donations, making charitable giving more accessible and convenient.

# DANIEL ALTAF

Software Engineer



## Detailed Working Experience

### Qbeep Intelligent Systems Sdn. Bhd.

#### Software Engineer

February 2024 to August 2025 (1 Year 7 Months)

- Developed and maintained key features for Smart MF Dealers ([smartmfdealers.com](https://smartmfdealers.com))
- Developed a responsive HTTP video engine microservice, enabling seamless video streaming across devices
- Developed a webhook integration to facilitate seamless communication between application microservices
- Developed a suite of microservices for automated generation of purchase orders, sales orders, and invoices, streamlining business processes and reducing administrative overhead
- Developed a PDF compressor microservice, optimizing document storage and transfer
- Led the development of a Food Surplus Marketplace platform; ResQMeals ([resqmeals.app](https://resqmeals.app)) which currently in beta phase
- Managed and maintained cloud infrastructure across Hostinger, Alibaba Cloud and Azure platforms, ensuring system uptime, security, and performance
- Implemented CI/CD pipelines using GitHub Actions, automating the build, test, and deployment processes
- Deployed and managed a self-hosted team management software solution, improving team collaboration and communication
- Implemented a product uptime monitoring solution, enabling proactive identification and resolution of system issues, minimizing downtime, and ensuring service availability.
- Development of inhouse bot to automate server administration tasks

### SnapBoss.ai Sdn Bhd

#### Chief Software Architect, Founding Software Engineer

March 2024 to May 2025 (1 Year 2 Months)

- Development involvement for AI mannequin model generator
- Development involvement for business landing page([snapboss.ai](https://snapboss.ai))
- Development involvement for TTJ Violinist ([ttjmusic.com](https://ttjmusic.com))
- Implemented CI/CD pipelines using GitHub Actions, automating the build, test, and deployment processes
- Deployed and managed a self-hosted team management software solution, improving team collaboration and communication
- Develop a real-time notification system utilizing Discord to deliver critical updates, improving communication for a key event.

### Vireserve Sdn Bhd

#### Software Engineer

March 2023 to January 2024 (11 Months)

- Development involvement for Risda e-Banci ([banci.risda.gov.my](https://banci.risda.gov.my))
- Development involvement for RTM ETVCMS ([etvcms.rtm.gov.my](https://etvcms.rtm.gov.my))
- Discussion on RTM ETVCMS server architecture
- Development of Digital Security Platform ([dvp.vireserve.com](https://dvp.vireserve.com))
- Served as a document owner for the ISO 27001 certification process, contributing to the development and maintenance of key documentation for both internal ISMS audits and the SIRIM audit.

#### Intern

September 2022 to February 2023 (6 Months)

- Creating frontend using Flutter for web, based on UI design that has been approved earlier.
- Resolve issue which causing Firebase Firestore request to spike up to 50k with only 5 users.
- Help preparing documentation for ISMS internal and SIRIM Audit.

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## Detailed University Experience

### **Jawatankuasa Perwakilan Non Resident Sesi 2022/2023**

January 2022 to January 2023

- Bakul Makanan Bulan Ramadhan
- HEP Prihatin 2022 (BHEP UiTM Perlis, PTPTN, IKAF, JATI)
- Program Bubur Lambuk (Staf UiTMPs, MPP, JPNR, JPK, JPS)

### **Computer Science Diploma Students Associations (COSMITs)**

#### **President**

September 2021 to August 2022

- Gala Night (COSMITs X Q-Science)
- Community Service: WE CARE (COSMITs X BAFINS)
- COSMITs Semester Grand Meeting 2021
- Bual Bicara: Kerjaya Hari Esok
- COSMITs Annual Grand Meeting 2021

#### **Biro Logistics, Protocol**

March 2021 to August 2022

- COSMITs E-Sports 2020
- COSMITs Semester Grand Meeting 2020

### **Game Master Clan (GMC UITMPs)**

September 2021 to August 2022

- Tuah Championship 2022
- Tuah Championship 2021

#### **Biro Logistics, Protocol**

March 2021 to August 2022

- COSMITs E-Sports 2020
- COSMITs Semester Grand Meeting 2020