MUHAMMAD AIMAN NAIM BIN MOHD FAIZUL

Klang, Selangor, Malaysia • aimanaim0512@gmail.com • github.com/aimxnaim
• www.linkedin.com/in/aimannaimfaizul • aimanaim.works (Website Portfolio)

SUMMARY

I am a recent graduate with a first-class degree, passionate about full stack development and adept at crafting robust and scalable web applications. Driven by continuous learning and a collaborative spirit, I am committed to developing innovative solutions that elevate user experiences and driven business growth.

WORKING EXPERIENCE

SEA-YTL Digital Bank Project   *Kuala Lumpur, Malaysia*
Tech Intern   *September 2023 – March 2024*

- **Contributed to user acceptance testing** (**UAT**) on a digital banking application, contributing significantly to Phase 1 UAT by executing **50 test cases** distributed through **JIRA** for managing test case and reporting bugs.
  - These test cases covered various **functional usability** and **payment functionality** involving low-risk and high-risk payments and transfers.
- **Use Alibaba Cloud KMS to simulate data encryption** by using two methods: **Alibaba Cloud** command-line interface (**CLI**) and **SDK**. In SDK mode, **Flask**, a microframework written in Python, is used to simulate a simple process of data encryption between server and client.
- **Set up a typical web application** on Alibaba Cloud by using Alibaba Cloud services such as Elastic Compute Service (**ECS**), **ApsaraDB** for RDS (**RDS**), Object Storage Service (**OSS**), Server Load Balancer (**SLB**).

HIGHLIGHTED PROJECTS

Gadget Universe: e-Commerce Project [gadgetuniverse.onrender.com]   *May 2024*
Full Stack Developer

- **Developed a comprehensive** eCommerce platform using the **MERN** stack (**MongoDB, React, Express.js, Node.js**) featuring robust functionalities for product management, user authentication, authorization, and order processing that deployed on **Render**. (Bootstrap CSS, JavaScript, Framer Motion, Postman)
- **Integrated** the **Stripe API** for secure and efficient payment processing using card during checkout. Utilized **Redux Toolkit** for efficient state management across the application and reducing boilerplate code.
- Implemented secure user registration and login using **bcrypt** for password encryption and **JSON Web Tokens** (**JWT**) for session management, with tokens stored securely in **HTTP Only cookies**.
- Configured **Nodemailer** to handle email notifications, including sending reset password emails with dynamically generated tokens.
- Used **MongoDB Atlas** for scalable and reliable cloud-based database management, ensuring data persistence and security.

CampVenture [guarded-brook-77953-c2f2c375b2e1.herokuapp.com]   *April 2024*
Full Stack Developer

- **Developed a campground website application** where user can discover campgrounds through map, create, and review campgrounds, featuring secure user authentication with **Passport.js** and deployed the application on **Heroku**. (Postman, Express.js, Node.js, MongoDB, Bootstrap CSS)
- Integrated **Mapbox** for interactive maps and geolocation features, **Cloudinary** for multiple image uploads per campground and use **Unsplash API** to fetch and generate beautiful random campground images for the website.
- Implemented data validation and sanitization with **Joi** and secured the application against **MongoDB injection** and **XSS attacks**.

SereneMinds: Sentiment Analysis Approach to University Student Mental Health   *June 2023*
Full Stack Developer [github.com/aimxnaim/sentiment_analysis]

- **Designed and developed a mental health website** that providing a secure and anonymous platform for university students to express their thoughts and feelings. (Python Flask, HTML, CSS, JavaScript, Bootstrap)

- **Utilized Plotly** and **D3.js** to create interactive charts and graphs, enhancing data representation of the sentiment analysis on the SereneMinds dashboard. (JavaScript ES6)
- Implemented a sentiment-analysis algorithm using **Logistic Regression** in **Python** to analyze user input text and determine if they exhibit symptoms of a mental health problem. (Scikit-Learn, NumPy, Pandas)

Website Portfolio [aimanaim.works]   *June 2024*
Full Stack Developer
- **Developed my website portfolio** that build using **React.js, Tailwind CSS, Framer Motion** and deployed on **Vercel** (Express.js, Node.js, HTML, CSS)

EDUCATION

University Technology of MARA (UiTM)   *Jasin, Melaka*
Bachelor of Computer Science (Hons.)   *Oct 2019 – December 2023*
- CGPA: **3.53/4.00** (First Class Honours)
- Participate in several hackathons and competitions (see Awards and Achievements)

Pahang Engineering Matriculation College   *Jengka, Pahang*
Matriculation   *June 2018 – May 2019*
- CGPA: **3.93/4.00** (First Class Honours)

MRSM Imtiaz YT Ketengah   *Terengganu*
Sijil Pelajaran Malaysia (SPM)   *2018*
- Obtained **8A 2B+**

AWARDS & ACHIEVEMENTS

- **[National] TECH Pride 2023** - Gold Award (19 January 2023) [Link]
- **[International] Programming Competition C-PROM 2022** (26 September 2022) [Link]

SPOKEN LANGUAGES

English, *Bahasa Melayu* **(Malay)** – Able to speak & write formally and informally.

CERTIFICATIONS

Web Developer Bootcamp (Udemy)   May 2024 [Link]
ACA Business User (Alibaba Cloud)   Feb 2024 [Link]
ACA Cloud Computing (Alibaba Cloud)   Feb 2024 [Link]
Python for Data Science, AI & Development (Coursera)   Apr 2023 [Link]

EXTRACURRICULAR ACTIVITIES

- **Chairman of Exco Pembangunan Insan** | *PEERS Club UiTM Jasin* 2023
- **Vice Secretary** | *HackerHunt: Exploring Computer Science Using Sign Language*   *10 May 2023*
- **Secretary** | *Mental Health Awareness Carnival UiTM Jasin*   *5-11 December 2022*
- **Mentor & Facilitator** | *Program Sederap Bersama Impian Terlaksana*   *12 November 2022*
- **Committee Members** | *Program Operasi Khidmat Masyarakat*   *13 – 18 June 2022*

REFERENCES

Azida Binti Mohamed Noh (azida@uitm.edu.my) - (FYP Supervisor) Senior Lecturer, College of Computing, Informatics and Mathematics, UiTM Jasin, Melaka

Nur Shahira Binti Md Shukor (nursha635@uitm.edu.my) – Senior Psychology Officer, PEERS Club UiTM Jasin