

ADIB KHAN

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Personal Statement

One thing pursuing an engineering degree has taught me is that LEARNING is a never-ending process. One can never know everything. However, being able to learn something fast and efficiently is what takes to be an engineer. As a to be Software Engineer, I can say that I am willing to learn and go the extra mile to meet my client's goals. Apart from my seamless dedication, I possess excellent interpersonal and communication abilities which makes me a team player. I am an ambitious self-starter, eager to gain hands-on experience in an organization that embraces creativity and innovation. I have always had a passion for software development. I am proficient in Web based application development, Mobile Application Development, Backend Development and UI/UX design. I am a technophile which keeps me up to date with the latest technologies. I really enjoy doing quality assurance work such as equivalence partitioning, black box testing, white box testing & UAT.

Education

Universiti Teknologi Malaysia (UTM)

Feb 2019 - Feb 2023

Bachelor of Computer Science 4th Year Software Engineering Student

- **Courses:** OOP, System Development Architecture, Software Quality Assurance and Testing, AI, ML, Data Structure and Algorithm, Web Programming, Internet Programming, Web Technology, Mobile Application Programming.
- **Research Experience (System Development):** Mega Mind: Online Mental Healthcare Service System. View the Thesis [here](#).

Skills

Languages: C++, Java, Dart, Flutter, Python (Scikit-learn), JavaScript, PHP, Bootstrap, CSS.

Technologies: Node.js, Firebase Authentication & FireStore, MongoDB, MySQL, Git, Jenkins & Jmeter.

Personal Project Highlights

Rentolo | Vehicle Rental Service System

Mar 2021 – May 2021

- Built using PHP, phpMyAdmin with Mysql for the database and deployed in local environment using Xampp.
- Used relational database model and engineered Stripe API library to implement payment gateway.
- Used Scrum methodology through MSPlanner with weekly sprint reviews for project management.
- Project received praise and landed us with the highest GPA (4.0) in Application Development course.
- Link: <https://github.com/adibkhan1/Rentolo>

Mega Mind | Online Mental Healthcare Service System

Mar 2022 – June 2022

- Built using JavaScript, React.js, Express.js, Node.js and MongoDB with proper requirements scoping and well-maintained SRS, SDD and STD documentation.
- Used chatengine library for the chat system and stripe library for the payment gateway.
- Rational Unified Process (RUP) methodology have been used in accordance with the 4 phases and ample iterations.

- Link: <https://github.com/adibkhan1/MegaMind>

E-Learning System | Digitalized Course Materials

Nov 2020 – Jan 2021

- Developed using Java, JavaScript, HTML, CSS and Bootstrap language.
- It has been prototyped collaboratively first using the platform Figma.
- Link: https://github.com/adibkhan1/E-learning_System

Chat System | Simple Chat & Account Approval System

Apr 2020 – May 2020

- Built using Flutter, Firebase with Mysql for the database and deployed using Heroku.
- Used relational database model and Model-View-Controller design architectural pattern.
- Used Scrum methodology through MSPlanner with weekly sprint reviews for project management.
- Link: https://github.com/adibkhan1/Chat_System

Employee Management System | DSA Project

Mar2020 - May 2020

- Developed a C++ program that uses Queue and Singly Linked List data structures along with Optimized Bubble Sort to enable users to search through a large inventory in under 1 sec.
- Link: https://github.com/adibkhan1/Employee_Management_System

Photo Uploading System | Simple Web-based Application

May 2022 – July 2022

- Built using JavaScript, React.js, Node.js and MongoDB for the database.
- Used relational database model.
- Used Agile methodology with weekly sprint reviews for project management.
- Link: https://github.com/adibkhan1/Photo_Uploading_System