RESUME

Zubair bin Abu Hasan

zubairabuhasan@gmail.com | +60177165025

I am a passionate software engineer, determined to always write clean maintainable code, at least at the beginning of projects.

I spend most of my time building and maintaining web applications with ASP.NET and PHP (mainly Laravel now). I work with MySQL and Microsoft SQL servers. Occasionally I get invited to teach (technical training).

I am excited about building software products.

Work Experiences

UTMSPACE
2010 - 2015

UTMSPACE is a subsidiary of Universiti Teknologi Malaysia (UTM) responsible for implementing UTM's lifelong learning programs.

I was originally hired as an **Assistant Executive** to develop an **academic management system** for Pusat Program Eksekutif (PPE) which managed executive diploma programs. I managed to build the first working version of it before being given the responsibility of managing and maintaining the academic management system (TEAMS) for UTMSPACE's core product, PSM (Pengajian Separuh Masa). I was later promoted to the position of **Executive**.

I was also tasked with building the initial version of **ICLAIMS (Sistem Tuntutan Syarahan Pensyarah)**, which was well-received by lecturers and the finance department for significantly improving the process of submitting and disbursing claims.

Gates IT Solutions
2015 - 2016

Gates IT Solutions is a software development company with offices in Johor and Kuala Lumpur and clients all over Malaysia (mostly government agencies).

I worked as a **System Analyst + Programmer** on a **housing management system** for Pejabat Setiausaha Kerajaan Johor. It was built with Java. Apart from coding, my main role was to **design and manage the database**.

UTMSPACE
2016 - current

I was offered the opportunity to rejoin UTMSPACE in 2016. Here are a few projects that I personally initiated and was brought to fruition with the help of my fellow colleagues.

- **Sistem Ambilan Mahasiswa (SAM)**

  SAM started as a personal initiative with the Admissions Department to build an admission system that would act as a centralized **top-of-the-funnel tool** for UTMSPACE at a time when UTMSPACE was expanding into other products.

  I learned a lot about product development and how critical understanding users is in building a product that users love.

- **Sistem Maklumat Pelajar (SMP) v2**

  I took the initiative of rewriting SMP, an online **academic management system** for PSM (Program Separuh Masa) students, due to the difficulties of implementing code changes in the previous system. It was also designed to be easier to use (we received positive feedback from happy users) and opened up a new channel for students to provide feedback.

- **Upgrade UTMSPACE's payment gateway**

  I was given the responsibility of upgrading our payment gateway to conform to the changes introduced by FPX. We managed to save RM500,000 of development cost by reverse-engineering the existing system.

- **Introduced a Modern Development Environment**

  I set up a **central code repository and build-server** in lieu of traditional software development practices (we manually uploaded code, no version control). It has helped enhance collaborations and has made deployments much simpler and less error-prone.

Teaching and Training

A few of my notable teaching gigs:

- **Corporate Trainer (private tutoring PHP and MySQL) at Cosmopoint**

  Personal training on how to build a PHP and MySQL web application using Dreamweaver (yes Dreamweaver, not a typo).

- **"Database Programming" trainer for MDEC Super Programmer organized by GATES IT Solutions**

  Taught selected UTHM students on designing databases. This was one of my most inspiring events.

- **ASP.NET and SQL Server training**

  A few 3 to 4 days courses on building web applications with ASP.NET MVC and SQL Server.

Education

1. **BCS, Bachelor in Computer Science (Software Engineering)**
   December 2010, Universiti Malaysia Pahang (UMP), CGPA: 3.36
2. **Diploma in Computer Science (Software Engineering)**
   September 2007, Universiti Malaysia Pahang (UMP), CGPA: 3.36

Products

Some of my recent products:

- https://pemohon.my/ - An admissions system for higher education institutions.
- https://ordersiapsiap.my/ - A food ordering platform for home-based food delivery businesses.
- https://nakorder.netlify.com/ - An on-premise food ordering device for small restaurants.