

Aisya Aziz

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA. Master of Science in Technology Ventures Grad: May 2023
Courses: Product Management, Business Models & Strategy, Innovation & Entrepreneurship, Advanced Algorithms & Data Structure.

University of Maryland, College Park, MD. Bachelor of Science in Computer Science Grad: May 2013

WORK EXPERIENCE

Digital Student Solution, Barnes & Noble Education

MBA Intern, Program Management

Basking Ridge, New Jersey

June - August 2022

- **Oversaw a pilot project implementation** of introducing new payment method that is expected to increase sales by 40% during School Rush affecting over 100,000 students across the USA. Collaborated and coordinated project inputs across the organizations (**cross-functional**) including the VPs, product teams, store managers and customer success to formulate appropriate project tools, processes, and methodologies.
- Led training and open forum and built related documents **to be operationalized by a store network of 500+ store managers.**
- Led the Hub product team as **SCRUM Master** through **key agile ceremonies, ScrumpyPoker, scrums, grooming and sprint planning.**

Authentic Venture Sdn. Bhd.

Head of Software Development Department

Selangor, Malaysia

Sep 2013 – Dec 2021

- Spearheaded the Software Development Department (SDD), streamlined the company by introducing one new division and segmented SDD into three different teams (Project, Growth & Test) which improves the company's effectiveness and efficiency by more than 50%.
- Initiated agile practice methodologies, introduced SCRUMs for **constant collaboration and continuous iteration** across team members.
- Led **product demos and technical presentation** which have contributed to the company winning 6 tenders between RM500K – RM1.8Mil sales by identifying **client's gaps and sales opportunities.** Built and delivered pitch from a technical point-of-view to decision makers.
- Successfully represented the company's product and **won 1st place in NEF Awani ICT Award** and represented Malaysia in Taipei for the Best ICT Solution for Small & Medium Enterprises (SME).
- Planned and conducted quarterly training across departments for **coding efficiencies and best practices,** User Requirements and User Analysis. Provided guidance and team mentoring to newly hired and junior staffs to ensure smooth transition to the new working environment.

Full Stack Software Developer

- Performed **user needs and GTM analysis** for the design of the second iteration of OfficeCentral (ERP) by carrying out **research, gained users' insights via users interviews and surveys.** Utilized the analysis to **design, build and implement** a scalable and agile system which have increased user-based by over 20x from the first iteration of OfficeCentral and became the primary revenue of the company.
- Led end-to-end development from **user requirements, development and implementation to user acceptance test, installation, and delivery** of over 5 external projects including a registration system that handles 170,000+ users and over 10,000 payment transactions a day during rush.
- Conducted **runtime analysis, drilled down causes, and upgraded the data structure and algorithms** to provide better optimization and has significantly improved the code runtime by 1/3 from the original runtime.

SKILLS

Programming Languages ASP.NET MVC (VB.Net), ASP.NET Core (C#), PHP, Java, C, JavaScript, HTML, CSS, XML, SQL, Linq
Programming / Machine Learning IDE Microsoft Visual Studio, Microsoft SQL Server, PHPMyAdmin, Weka, Lightside
Project Management Jira, Trello, Slack, Miro, Ms Project, Primavera, MS Excel, ScrumpyPoker, Life cycle analysis and costing, cash flow analysis, cost accounting and project planning and scheduling.
Certifications MS 70-486: Developing ASP.Net Web Applications, ISTQB: Certified Tester Foundation Level (CTFL)

ACADEMIC PROJECTS @ CARNEGIE MELLON UNIVERSITY

Applied Machine Learning

Designed and analyzed the best algorithm to understand text sentiments from product reviews, applied ML's methodologies **and improved the accuracy to 84.22% with a Kappa statistic of 0.564.**

January - May 2022

Grand Challenge Innovation

Identified gaps and opportunities in allowing elderlies to stay at home longer by conducting user research and market analysis, identified strategic directions, conceptualized, and refined product concepts.

January - May 2022

PROFESSIONAL ACTIVITIES

Ministry of Education, Malaysia, IT Consultant

2013

Malaysia U.S. Chamber of Commerce (MyUSCham), IT Consultant

Jan 2012 – Aug 2013

HONORS & CERTIFICATIONS

MARA Graduate Excellence Program (Scholarship)

Jan 2022 – Dec 2023

The National Society of Collegiate Scholars

2010 – 2013