MUHAMMAD AJMAL KP

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Portfolio

Motivated Software Engineer with a Master's degree, skilled in front-end development, UX/UI concepts, and user-centric design principles. Proficient in Python and MySQL, committed to continuous learning, and adaptable to emerging technologies. Enthusiastic about contributing innovative solutions and collaborating on groundbreaking projects with a passion for excellence.

EDUCATION

ASIA PACIFIC UNIVERSITY, DE MONTFORT UNIVERSITY (UK) — **Bukit Jalil, Malaysia**
Master of Software Engineering (Dual Degree Programme) — Nov 2022 - Dec 2023
Cumulative GPA: 3.91/4.0; **Distinction**
Key Courses: Data Management, Software Engineering; System Design; Object-Oriented Software Systems; Natural Language Processing; Internet Applications

DR.G.R.DAMODARAN COLLEGE OF SCIENCE — **Coimbatore, India**
Bachelor of Computer Application — Apr 2018 - Jun 2021
Cumulative GPA: 7.74 /10.0; **First class with Distinction**

EXPERIENCE

EITHER INFOTECH — **Coimbatore, India**
Internship in Full Stack Python — Jan 2024 -Apr 2024
- Gained foundational knowledge of Python and MySQL
- **Project:** Employee management system
  - Developed employee management system using Python framework Tkinter and MySQL
  - Designed to efficiently manage employee data.

PROJECTS

USER INTERFACE DESIGN GUIDELINE FOR COMMON E-COMMERCE PLATFORM — Nov 2023
- Master's Final Year Project centered on creating Interface Design Guidelines for a common e-commerce platform for supermarkets.
- Conducted in-depth user research employing quantitative methodologies, Power BI was used for data analysis.
- Over a 3-month period, designed wireframes, user flows, and prototypes for both mobile and web interfaces using Figma.
- Engaged with diverse stakeholders including Developers, Supermarket Managers, and end users to gather insights.
- Executed usability testing and iteratively refined designs to ensure optimal user experience.

E-COMMERCE CUSTOMER SEGMENTATION — Apr 2021
- Final Year Project during my Bachelor's program, focusing on E-commerce Customer Segmentation.
- Over a 3-month period, utilized C# and Asp.net to develop and execute a system for classifying customers into distinct categories; silver, gold, and platinum based on their purchase history.

FRONT-END DESIGN FOR ARAFA TRADERS — Sep 2022
- Led the development of a responsive website for Arafa Traders, a prominent wholesale rice merchant based in Coimbatore, India.
- Applied HTML, CSS, and JavaScript to create an interactive and user-friendly online platform, improving the company's digital presence and accessibility.

CERTIFICATION

MySQL Database Administration (Udemy)**,** Fundamentals of Python (Progate)**,** Data Base Management System (Swayam)**,** IELTS (6)

ADDITIONAL

Skills	Technical Skills	Tools	Language
• User Research	- HTML	- Figma, Canva	- English
• Wireframing, Prototyping	- Css	- Draw.io	- Tamil
• UI Design Principles	- Javascript	- Premiere Pro & Photoshop	- Malayalam
• Usability Testing	- Bootstrap	- GitHub	
• Collaboration	- Python	- PyCham	
• Adaptability, Problem-Solving	- MySQL	- Visual Studio Code	

Portfolio: https://mhdajmalkp.github.io/ajmalkp/public_html/index.html