

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)

Master of Software Engineering (Dual Degree Programme)

Cumulative GPA: 3.91/4.0; **Distinction**

Key Courses: Data Management, Software Engineering; System Design; Object-Oriented Software Systems; Natural Language Processing; Internet Applications

Bukit Jalil, Malaysia

Nov 2022 - Dec 2023

DR.G.R.DAMODARAN COLLEGE OF SCIENCE

Bachelor of Computer Application

Cumulative GPA: 7.74 /10.0; **First class with Distinction**

Coimbatore, India

Apr 2018 - Jun 2021

EXPERIENCE

ETHER INFOTECH

Internship in Full Stack Python

- 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.

Coimbatore, India

Jan 2024 -Apr 2024

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), Master PowerPoint presentation (Udemy)

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