KARNIZ FATIMA

Project Manager | Product Manager

CONTACT

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PROFESSIONAL EXPERIENCE

Senior Software Engineer & Project Manager | September 2022- Present

NKSoft Corporation
Know customer needs through market analysis data; develop product lines and appraise new ideas to identify new market

Managing the product team, including coaching and disciplinary actions, planning, monitoring, and job appraisal; organizing sprint planning, daily stand-up/ Scrum meetings, sprint review & retrospective, and organized demo to client

Develop and maintain scope, and schedule and create a work breakdown; responsible for creating a bug-tracking database, project management tools, and quality assurance system to organize project assets

Product Manager | October 2016-August 2022

Mediasoft Data Systems Limited
In-depth knowledge of products, features, and benefits, enabling me to provide expert advice and guidance to customers.
Discovery: Conducted 50+ user interviews to identify pain points in the [Specific Process], resulting in the development of a new automated reporting tool.
Execution: Authored 20+ detailed PRDs (Product Requirement Documents) and technical specifications that reduced development rework by 15%.
Stakeholder Management: Collaborated with Sales and Customer Success to align the product roadmap with market demands, reducing customer churn by 8%.

Software Engineer | January 2015- September 2016
BRAC

Software Engineer | January 2014- December 2014
Ananda Computer

EDUCATION

University of Development Alternative (UODA) | 2010-2014 Bachelor of Science in Computer Science & Engineering.
CGPA: 3.71/4.00 (magna Cum Laude)
Dean's Listed for excellent CGPA

Government Begum Rokeya College | 2007-2009
Higher Secondary Certificate (HSC
GPA: 4.30/5.00

Perkhidirpur High School | 2006
Secondary School Certificate (SSC)
GPA: 5.00/5.00

CERTIFICATES

AWS Partner: Sales Accreditation (Business) | 09-17-2022 AWS

AWS Certified DevOps Engineer (DOP-C01) | 11-08-2022

AWS Partner: Accreditation (Technical) | 10-27-2022

ACADEMIC PROJECTS

Hospital Management System

Developed a management system for Hospital which integrated various departments such as patient registration, appointment scheduling, medical records, billing and lab services into a unified platform

Data-driven decision making: Insights from Predictive Analytics

Developed a System to predict employee churn in a company using various machine learning models such as Logistic regression, Decision tree and support vector machines (SVM).

Fruit Guard AI driven Contamination Detection

FruitGuard is an innovative AI-powered solution designed to detect the presence of germs in fruits. Histogram of Oriented Gradients (HOG) to capture textures and edges that indicates contamination.

SmartAgro: IoT Agricultural Monitoring System

SmartAgro uses IoT sensors and weather data to provide real-time crop monitoring. Integrated sensors collect environmental data and send it to a cloud platform accessible via a mobile app. This enables farmers to optimize irrigation. Fertilization, and pest control based on precise and timely insights.

Devices: Soilsensors(DHT11/DHT22), Environmentalsensors (AM2302, BH1750), ESP 32 Microcontrollers.

Fingerprint Attendance management System with device integration

Used fingerprint biometric devices to develop an efficient attendance management system that automates attendance tracking by integrating hardware with custom software and enabling precise real-time attendance records. This system ensures security and eliminates manual errors. It offers multiple features such as user registration, attendance reports, and device synchronization suitable for organizations seeking a reliable and user-friendly solutions for workforce management.

Inventory Management System

This system is designed to track, manage, and optimize the storage, movement, and usage of inventory within an organization. It helps businesses maintain the right balance of stock, ensuring availability while minimizing overstock or shortages.

SKILLS

Programming Language: C, C++. Java, Python, PHP and JavaScript.

Database Management: SQL, MongoDB, Postgres,

Web Development: HTML, CSS, JavaScript, Node.js.

Tools & Method: Azure, Jira, Trello, Confluence.

Version Control: GitHub, GitLab & Docker.