MUSTAFA MASVI

SR. SOFTWARE DEVELOPER

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SUMMARY

I'm a software developer with a great passion for coding. I code and study computer science arduously, mentor new developers, write technical content, and share my zeal for programming to show how amazing coding can be! I am also:

- A result-oriented professional with **6 years** of experience in product-based application development, enhancement, service delivery, and client relationship management.
- Insightful knowledge of JavaScript, ASP.Net, **ASP.Net Core**, **Angular 9**, React, React-Native, REST, and Microservice architecture.
- Adequate Expertise in **Agile/Scrum.**

SKILLS

DEVELOPMENT	C#, JavaScript, Angular, MS SQL, TypeScript, ReactJs, Git, ASP.Net Core, AWS, Azure Services, Web API, Entity Framework Core

EMPLOYMENT

Oct. 2019 – Current	**Odessa Technologies** **Staff Engineer**
July 2016 – Oct. 2019	**IntimeTec** **Sr. Software Engineer**

PROJECTS

Oct. 2019 - Current

LeaseWave, *Staff / Sr. Software Developer*
Team Size: 25
Technology: ASP.NET 4.5 | MVC | Jquery | Angular

LeaseWave is an equipment finance software system that provides lease and loan management for the entire lifecycle of the contract (from proposal through end-of-lease) and the entire lifecycle of the asset (from build through disposition)

- Implemented Master Data Configuration (MDC) feature to seed metadata or migrate data between environments.
- Utilize JetBrains dotTrace and SQL techniques to optimize product performance by more than 60% at multiple module levels.
- Developed code analyzers using the .Net Roslyn engine to find potential errors in application code and maintain the codebase in the future.
- Enhanced Odessa job scheduler using Windows services and Quartz schedule.
- Implemented various enhancements as part of the Odessa Test Tool.
- Promoted to Core Platform Team from Delivery Team.

Mar. 2019 - Oct. 2019

Indoor asset positioning, *R&D*
Team Size: 1
Technology: Ionic | React-Native | ASP.NET Core 2.1 | MongoDB

An R&D project to track assets within the indoor location. MPS domain requires tracking printers for easy plotting and live updates on the floor maps.
The organization's product is mapping these assets on the floor maps and suggesting possible replacement or positioning.

- Researched IEEE paper for accurate indoor navigations.
- Architected and Implemented WiFi Based Positioning based on the project budget.
- Triangulated the RSSI strength using the triangulation algorithm
- Deployed the triangulation algorithm on a mobile native app. (initially with React-Native and with Ionic).

Aug. 2018 - Feb. 2019

HP JAB, *Lead Developer*
Team Size: 12
Technology: ASP.Net 4.6 | Angular 7 | SQL Server 2016

HP JAB is a web-based portal to ship, monitor, and update PMD (Print Management Device). These devices communicate with the data collector agents to send the customer data. This project has two parts the device part and the portal part. The devices would constantly ping the portal to sync their updates.

- Worked with distinguished technologists for research on PMD architectural flow and optimized the LINQ queries by 30%.
- Solved the device's last crash information in offline mode.
- Optimized the deployment by creating Jenkins jobs for various stages.
- Secured the application from hackers by encrypting all the transfer data between the portal and the device.
- Involved in Code reviews and mentoring juniors.

Mar. 2018 - July 2018

Foster, *Lead Developer*
Team Size: 2
Technology: NodeJs | SQL Server 2014 | Angular 8

Foster is an integration of many MPS sub-systems to view, update, and create customer quotes. Dynamic pricing calculation of customer quotes is one of the best features apart from other features. This tool allows us to fetch customer data from other HP portals and displays and generate final quotes.

- Worked on dynamic pricing calculation over 700+ formulas
- Achieved dynamic formula parser by tokenizing the formula using trees
- Create a list of sorted expressions by backtracking the tokenized expression
- Implemented algorithm to read formulas from excel, and parse them in c# to create expressions that yield some calculated values so as to give the business team the flexibility to change their business logic anytime without needing to involve the development team.

Apr. 2017 - Oct. 2017

AutoDocs, *Lead Developer*
Team Size: 8
Technology: Dot Net Core 1.0 | Angular 4 | SQL Server 2014

HP AutoDocs is an automated contract generation tool that can be used to produce customer-specific and multi-faceted contracts that are structured, properly formatted and rule-based documents. This tool is to be used to generate an MPS contract for the customers based on the products and services the customer chooses. This tool is also highly configurable for the admin to add new questions and parameters to the contracts.

- Worked with clients on requirements to understand and collaborated with the team to see the complete project.
- Investigated various MS Word manipulators and went ahead with Aspose.
- Designed and Architected the initial project.
- Implemented repository pattern and base code setup.
- Speed up the document generation by 50 times as done manually.

Sept. 2016 - Mar. 2017, Nov. 2017 - Feb. 2018

Configurator, *Developer*
Team Size: 10
Technology: ASP.Net 4.6 | AngularJs | SQL Server 2014

HP Product Configurator is a web-based tool to explore the various configurations available within the A3 LaserJet Devices, understand the detailed specifications, and customize a configuration that is based on the customer's specific needs in order to compete with Copiers. This tool is to be used to build and propose the most effective configuration based on some pre-configured rules and help the user to visualize the final product that should be working when installed.

- Worked with clients on requirements to achieve the end product.
- Optimized the application by 40% by rewriting the core logic.
- Designed and developed excel based dynamic admin approach to make the product dynamic and easy for the admin to update the specifications of the printers.
- Integrated with other HP internal and external portals for Price calculations and legal document generation.

EDUCATION

Dayananda Sagar Academy of Technology and Management   2012 – 2016
Bachelor of Engineering Computer Science 2016

RV PU College, Bangalore   2010 – 2012

MSB Educational Institute   2001 – 2010