

# MEHWISH HANIF

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## Summary

Seasoned Technical Project Manager and Software Engineer with over 11 years of experience, specializing in leading the development and management of innovative projects in e-learning and healthcare. Expert in orchestrating cross-functional teams and leveraging Azure DevOps, Java, JavaScript, and SQL to deliver high-quality technical solutions. Proven track record in driving projects from inception through deployment, consistently achieving excellence in project execution and stakeholder collaboration.

## Experience

### Technical Project Manager

#### Septem Systems

Nov 2022 - Present (1 year 9 months)

- Led the development of end-to-end web applications, enhancing user experience by implementing cutting-edge design principles and ensuring seamless functionality across all platforms.
- Spearheaded backend development initiatives using Node.js and Laravel, focusing on bolstering website security and operational efficiency, which resulted in a significant reduction in system vulnerabilities.
- Orchestrated the integration and optimization of Web APIs, facilitating robust data flow within projects and achieving a marked improvement in data processing efficiency by 20%.

### Technical Project Manager

#### Magnifi Group, Inc.

Mar 2022 - Oct 2022 (8 months)

- Streamlined project release processes, enhancing timeline accuracy and scope definition, and ensured seamless approval capture and announcement dissemination, directly contributing to on-time project delivery.
- Spearheaded the design and execution of comprehensive project plans for medium-sized projects, identifying and mitigating risks, which resulted in a 60% reduction in project escalations and bolstered stakeholder satisfaction
- Orchestrated cross-functional team efforts in developing and testing innovative solutions, achieving a 20% improvement in project efficiency by leveraging cloud-based tools including Azure DevOps.

### Technical Project Manager

#### Septem Systems

Nov 2018 - Feb 2022 (3 years 4 months)

- Directed a team of 10 in the Web Development Department, fostering a collaborative environment and enhancing workflow efficiency through the development and enforcement of comprehensive policies and procedures.

- Achieved a 10% cost reduction and expedited project delivery by 2 weeks for a car parking booking app, reinforcing client trust and securing repeat business through meticulous project management and stakeholder engagement.
- Leveraged tools such as Git, Jira, and Slack to streamline project communication and task management, contributing to the successful execution of development strategies and the achievement of key business objectives.

## **R&D Software Engineer**

Paragon Semvox GmbH

Dec 2017 - Sep 2018 (10 months)

- Engineered and deployed a sophisticated Question-Answering model for my master thesis, titled "A Model to Retrieve Answers to Similar Questions by Clustering Short Text Based on Embedded Representations", utilizing Java and Eclipse. This breakthrough significantly enhanced data retrieval efficiency from similar queries, improving data accessibility by 27%.
- Pioneered an unsupervised approach in a constrained data environment, achieving a 27% increase in model efficiency over the existing supervised model. This innovation underscores my ability to enhance data processing and aligns with the vision for data-first applications.
- Demonstrated expertise in Object-Oriented programming through the model's implementation in Java.

## **R&D Software Engineer**

ZeMA

Nov 2016 - Nov 2017 (1 year 1 month)

- Spearheaded the NeWiP research project, focusing on pioneering production networking methods, leading to the development of a cutting-edge worker guidance system using JavaScript, Angular, and jQuery.
- Enhanced data communication on the assembly line by implementing a web socket protocol with Java and Tomcat, replacing HTTP, and achieving a 50% efficiency improvement, as measured by reduced data transmission time, by optimizing network protocols
- Engineered a control program for a laser projector using Python and C++, enhancing the precision and effectiveness of assembly line processes.

## **Software Engineer**

Xavor

Jun 2013 - Jul 2014 (1 year 2 months)

- Engineered and launched Assist+ navigation add-on for Oracle Agile PLM, showcasing proficiency in full-stack development and enhancing system navigation through innovative feature design and development.
- Innovated within Oracle Agile PLM's guidance system, achieving a seamless user experience by utilizing JAVA, jQuery, JavaScript, CSS, HTML, and SQL.
- Ensured impeccable code quality and system reliability across the Assist+ codebase, achieving a 100% on-time delivery record with minimal updates required, demonstrating exceptional project management and technical acumen.
- Championed codebase integrity through meticulous bug resolution and code enhancement efforts, ensuring efficient and reliable software performance.

## **Education**

**Saarland University**

Master of Science, Computer Science

Oct 2014 - Sep 2018

**National University of Computer and Emerging Sciences**

Bachelor of Science, Computer Science

Aug 2009 - May 2013

**Skills**

Azure DevOps • Jira • Java • JavaScript • jQuery • SQL • PHP • Python • C++ • React.js