



Asim Imtiaz

Senior SW Engineer

Versatile Full Stack Developer with strong expertise in modern JavaScript frameworks (React.js, Vue.js, Angular, Node.js, TypeScript) and cloud-native development across AWS and Azure. Skilled in building scalable web and backend systems, integrating APIs, managing databases, and deploying headless CMS solutions such as Optimizely and Contentful. In parallel, I've developed robust data engineering capabilities—designing and maintaining ETL pipelines, performing data transformation using Python, Pandas, and SQL, and delivering actionable insights through Power BI, Tableau, and Jupyter notebooks.

Certified in Azure (Developer Associate, Fundamentals, Data) and AWS Cloud Practitioner, with DevOps experience including cloud deployments, secure authentication using Keycloak, and infrastructure automation. I work fluently in agile environments, applying SAFe and Scrum methodologies to deliver high-impact software efficiently and collaboratively. My end-to-end ownership mindset—spanning architecture, implementation, and optimization—makes me a key contributor to both product and engineering success.

Education

- Masters in Global IT Management (Work Informatics), University of Turku, Finland
- Bachelor in Software Engineering, International Islamic University, Islamabad, Pakistan
- Diploma in Big Data Analytics, Arcada University, Helsinki, Finland

Certifications

- Microsoft Certified: Azure Developer Associate (AZ-204)
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Data Fundamentals
- AWS Certified Cloud Practitioner - Foundational

Courses

- Microsoft Fabrics Data Engineering
- Microsoft Azure DevOps

Highlighted roles

- Senior Software Engineer
- Data Engineer
- Senior Software Developer

Languages

- English
- Finnish



AREAS OF EXPERTISE

Frontend Development: React, TypeScript, Angular & Vue

Backend

Development: Node.js, Express, Python, .NET

CMS: Optimizely, Contentful &

Strapi

Cloud Development: Azure Developer

Azure Associate Developer

Infrastructure: CI/CD pipelines

Data Engineering: Microsoft Fabrics



ASSIGNMENTS

Video Archive Solution

Customer: TietoEvyry

Duration: Mar 2024 - Mar 2025

Roles: Software Architect

AWS Docker Maven Postman Node.js Keycloak Draw.io SAlFe (Scaled Agile Framework) Angular
Jira Confluence Scrum Master

Developed as part of a broader Smart Scheduling and Video Meeting platform, the Video Archive Solution enables the secure recording, storage, and playback of video meetings. It ensures long-term accessibility of meeting data while complying with regulatory and business requirements.

Kela Archiving Solution

Customer: Kela

Duration: Nov 2023 - Oct 2024

Roles: Senior Software Engineer

Node.js Express.js TypeScript MS SQL server Azure Genesys Keycloak REST API AWS S3
Angular Authentication & Authorisation

The Archiving Solution was developed to enable the efficient storage, management, and retrieval of media files and their associated metadata. Designed to integrate multiple data sources and systems, the solution ensures that Kela can securely manage high volumes of video and audio content while maintaining compliance with national data protection standards.

Plandent Web Portal

Customer: PLANDENT FINLAND

Duration: Jun 2023 - Nov 2023

Roles: Senior Software Developer

Vue.js vuex store grunt SCSS Azure DevOps inRiver PIM ekara Optimizely CMS TypeScript
JavaScript .NET Framework REST API CI/CD Authentication & Authorisation Jira Confluence

The project involved building a non-public B2B web application designed to support dental professionals with product search, ordering, and editorial content management. The platform features deep system integrations, role-based access, and a responsive, seamless user experience tailored to industry-specific workflows.

Plandent Oy – <https://www.plandent.fi/>

Renewal of valmet.com

Customer: VALMET

Duration: Oct 2022 - till now

Roles: Senior Software Developer

HTML5 JavaScript jQuery Optimizely CMS Episerver TypeScript Vue.js .NET Framework Webpack

SCSS API Integration Frontend Architecture

The project involved a full-scale renewal of valmet.com, aimed at enhancing user experience, aligning with updated branding, and enabling dynamic content delivery through Optimizely CMS. The solution required performance optimization, modern frontend architecture, and strong backend integration to ensure content flexibility and scalability.

Tuska 2022

Customer: Tuska

Duration: Jan 2022 - Jun 2022

Roles: Senior Software Developer

React Native JavaScript Contentful CMS Headless CMS Expo client Mobile Application Architecture

Agile development

The project aimed to deliver a robust and intuitive native mobile application to serve as the official digital companion for festival attendees. The app provided real-time updates, artist schedules, venue maps, and announcements, all backed by a scalable content management setup to support high user traffic during the festival.

IDigi development

Customer: ILMARINEN

Duration: Jul 2021 - Nov 2022

Roles: Senior Software Developer

React Redux Web UI, Bootstrap REST API Confluence GitHub Episerver Google Cloud Platform

Jenkins Optimizely CMS TypeScript IAM Jira

The project involved modernizing and architecting Ilmarinen's web-based customer-facing platform, ensuring scalability, performance, and alignment with design and accessibility standards. The application facilitates self-service functionalities for insured individuals and employers while integrating securely with backend services and internal data systems.

Kesko Telesales Renewal

Customer: KESKO

Duration: Oct 2020 - Jun 2021

Roles: Senior Software Developer

Redux React Confluence Cascading Style Sheets (CSS) Jira GitHub Azure Functions Azure DevOps

Node.js Salesforce Integrations

HSE mobile application

Customer: Neles

Duration: May 2020 - Jul 2020

Roles: Senior Software Developer

Android Studio iOS Application Development Cordova JavaScript Legacy Code Maintenance Cross

Platform Development Agile development

The project focused on enhancing an existing Cordova-based cross-platform mobile application used internally by Neles personnel. The app, available on both Android and iOS, supported tasks such as monitoring valve statuses, capturing data on the field, and providing real-time updates to the central system.

Metsäverkko

Customer: Metsäverkko

Duration: Feb 2020 - Oct 2020

Roles: Senior Software Developer

AngularJS Azure DevOps Jira TypeScript Code optimizations CSS Agile development

Developed a responsive and feature-rich Single Page Application (SPA) using AngularJS to support Metsäverkko's forestry management operations. The SPA delivers real-time data and complex workflows essential for daily business processes.

Lyse Support Tool

Customer: LYSE

Duration: Jun 2019 - Jan 2020

Roles: Software developer

JavaScript TypeScript Angular 7 Node.js Authentication & Authorisation JWT - JSON Web Token

Developed the frontend of the Lyse Support Tool using Angular 7 and Material-UI, focusing on creating an intuitive and responsive interface for internal support teams. The application facilitates streamlined issue tracking and resolution.

Data Analysis of Vehicle's CAN Data

Customer: Millisecond Oy
Duration: Feb 2018 - Apr 2019
Roles: Data Engineer

Azure SQL Database React Tableau Practitioner Microsoft Power BI Python Flask .NET Framework
ETL Data Engineering REST API PostgreSQL NoSQL MQTT (Message Queuing Telemetry Transport) Data
Visualization Machine Learning

Developed a comprehensive telemetry system to collect, process, and visualize real-time data from heavy-duty mining vehicles and Bluetooth/Wi-Fi sensors distributed across mining areas. The platform supports cloud-based processing, monitoring, and machine learning-driven analytics.

Sport's Arena Web Portal Customisation

Customer: Unikie Oy
Duration: Aug 2017 - Dec 2017
Roles: Full Stack Developer

AngularJS Node.js PHP phpMyAdmin

Customized a Sports Arena web portal built with Angular 2, Node.js, and Laravel, designed to manage and deliver sports-related content and services to end users.

Role in the project – Full Stack Developer:

Customer Context:

Unikie Oy is a technology company specializing in software solutions for industries like automotive, telecom, and digital services, focusing on innovation and high-quality software delivery.

Data Analysis of polio data

Customer: Micromerger
Duration: Nov 2011 - Aug 2012
Roles: Software developer

Java SDK Python MS Excel Pandas SQL

Developed a data analysis system to process weekly polio vaccination data collected by field teams visiting homes nationwide. The data was used to generate dashboards and charts to monitor vaccination coverage and support decision-making.



FORMAL EDUCATION

2012 - 2015	Masters in Global IT Management (Work Informatics), University of Turku, Finland
- 2009	Bachelor in Software Engineering, International Islamic University, Islamabad, Pakistan
- 2018	<p>Diploma in Big Data Analytics, Arcada University, Helsinki, Finland</p> <p>Big Data Specialization</p> <p>Learned the following concepts during this certification program of 01 year:</p> <ul style="list-style-type: none">. Data exploration. Data Analysis using python pandas libraries, open source tools like KNIME and gretl etc. Data visualisation: Python libraries, tableau, power BI etc. Machine Learning: supervised and unsupervised learning algorithms



CERTIFICATIONS

May 2022	Microsoft Certified: Azure Developer Associate (AZ-204)
Sept 2020	Microsoft Certified: Azure Fundamentals
Jun 2023	Microsoft Certified: Azure Data Fundamentals
Aug 2023	AWS Certified Cloud Practitioner - Foundational
Apr 2015	ITIL® Foundation Certification - IT Service Management