# Meraj Ahmed Khan

LinkedIn Profile
GitHub Profile

Email : meraj0720@gmail.com
Mobile : (+49) 17643450448
Location: Germany

## EDUCATION

- **Brandenburgische Technische Universität** — Germany
  *Masters in Artificial Intelligence* — *08/2023 – Present*

- **University Of Karachi** — Pakistan
  *Bachelors in Computer Science* — *01/2018 – 12/2021*

## SKILLS

- **Front-End**: JavaScript, HTML, CSS, Material-UI, React
- **Back-End**: Python, Typescript, C#, Java
- **Database**: Oracle, MySQL, PostgreSQL
- **Tools/Methods**: Linux, Git, GitHub, AWS Services, CI/CD Pipe-Line, Soap/Rest Web Services, Firebase
- **Others**: SAP, Matlab, Power BI, Statistical modelling, Data visualization, Data Warehousing, Data Analytics, Docker, Stress & Unit Testing, Ms Office, Computer Science, Network, Agile Framework, Team discussion, Computer science

## EXPERIENCE

- **TPS World-Wide** — Karachi, Pakistan
  *Software Developer* — *02/2022 - 10/2023*

  TPS is a leading payment solution provider, powering digital payments for banks, telecoms, payment processors, merchants and billers around the world.

  - At **IRIS Payment Gateway:**
    * **API Development** Spearheaded the development of transaction services using Python, .NET, Java, and TypeScript optimizing back-end performance and reliability.
    * **Front-End Integration** Contributed to seamless API integration and feature development on the front-end, enhancing overall platform functionality using Core-JavaScript and React.
    * **Database Optimization** Enhanced Oracle database efficiency by refining queries, functions, and developing stored procedures, significantly boosting system performance.
    * **Security Enhancement** Implemented SSL encryption across transaction services, fortifying security and ensuring data protection.
    * **Custom Reporting Solutions** Designed and generated Crystal Reports from scratch, tailoring outputs to meet specific client requirements.
    * **Quartz Services** Responsible in managing and optimizing Quartz for scheduling and executing jobs.
    * **Production Issue Resolution** Diagnosed and resolved critical production issues, improving system stability and increasing user satisfaction.

  - At **IRIS Bill Payment:**
    * **API Migration** Spearheaded the successful migration of 70% of APIs to the .NET Core platform, enhancing performance and scalability.
    * **CI/CD Integration** Seamlessly integrated code into CI/CD pipelines, ensuring accurate and reliable build processes.
    * **Database Migration** Executed the transition of stored procedures from Oracle to PostgreSQL, optimizing database efficiency.
    * **Frontend & Production Issue Resolution** Enhanced frontend with modern JavaScript frameworks and resolved critical production issues for key clients.

  - **Tech Stack**: .NET MVC, .NET Core, WebAPI's, Java, TypeScript, Javascript, Python, Node.js, React+ Vue.js, Oracle, API Integration, React, Gateway, Azure, Dockers.