



M.Sc. Ganesh Rajaram Chile

Software Engineer & Developer

Address: Heynahtsstr. 7, 01309 Dresden
Contact to: +49-1745344802
Mail-to: [Ganesh Rajaram Chile](mailto:Ganesh.Rajaram.Chile@gmail.com)
[Github](#) | [Linkedin](#) | [Ganesh-Portfolio](#)

Dynamic and innovative Software Development Engineer with over **6+ years of experience** in designing, developing, and optimizing software web applications. Proven track record in enhancing user experience and streamlining application functionality. Adept at working in team environments to deliver high-quality, maintainable code for the translation industry and beyond. Passionate about leveraging modern software development practices to drive efficiency and quality in digital solutions.

Areas of Expertise

- ◆ Cloud Deployments
- ◆ Backend Development
- ◆ Strategic Development
- ◆ FullStack Development
- ◆ Application Improvements
- ◆ Frontend Development

Professional Experience

MTM SOLUTIONS GmbH, Dresden, Germany

07/ 2023 - Ongoing

Full-Time Software Developer

- Assist the Web team of [MTM Digital Solution](#) with initiative to revamp an antiquated **SaaS platform** for procuring licensed MTM products, culminating in an impressive annual cost reduction of approximately **100K Euros** and supported with day-to-day development and maintenance tasks of application with **TDD** approach and **unit testing**
- Managed **Azure configurations and deployment** and implemented (**SSO**) for organization webshop applications using frameworks like **TypeScript, NextJs, SSR, CSR, SEO, Prisma ORM** compliance implementation, enhancing user experience and security, while also leveraging **ReactJs and Tailwind** and its **hooks** to develop a web-shop solution that **cut development time in half** through efficient front-end architecture along with **NX Console** approach
- Contributed to the success of integrating **Internationalization** and **Strapi CMS along with GRAPHQL API integration** with webshop solution and deployed on Azure platform using **app service** and **docker containerization** approach
- Collaborated to develop and maintenance the **infrastructure** and maintenance for [MTM Digital Solution](#) using **Docker** and azure solutions like **app service, azure MySQL DB, azure functions** and **CI/CD pipelines**
- Proficiency in implementing new **features, resolving bugs and issues** of existing "[TiCon for Web](#)" and "[MTM Easy](#)" with **Kotlin support** and Excellent knowledge of **Angular core concepts** which includes **Dependency Injection, Routing & Navigation, HTTP Client & Observables, Reactive Forms & Validation, Components, Modules and Directives**
- Integrated **C# REST APIs** with existing backend for a new webshop solution, strengthening backend expertise in **C# codebase**
- Quality experience In development for implementation of new **EAWS** module with **SAP team** using **SAP UI5 and OData Service** technology for frontend application
- Led **Azure Marketplace integration** for MTM's SaaS platform, automating license management and improving onboarding by 35% for MTM and Microsoft users and contributed to the **Open Source Mona SaaS project**.

MTM SOLUTIONS GmbH, Dresden, Germany

02/ 2024 – 08/ 2024

Working and Thesis Student

- **Researched, Analysis and Implementation** of different **caching eviction techniques and strategies** and benchmarking the performance by using **google firebase database** for storing cache records
- Deployed the **Django** application using **CI/CD pipeline** and releases with **Azure DevOps**

Tricli GmbH, Augsburg, Germany

05/ 2022 – 04/ 2023

Working Student Software Developer

- Enhanced user interfaces of [TRICLI clinical trial](#) Portal by utilizing **Angular with Tailwind CSS/SCSS and TypeScript** libraries for responsive and visually appealing UIs, and applied Angular's core features such as **component architecture, dependency injection, services, and HTTP interceptors** to adhere to software development best practices and coding standards
- Supported developed backend microservices using **C# restapi framework** and development of **Python script** for localization and graphical enchantment of diagrams, ensuring code readability and efficient deployment on Azure, Improved **code quality and team collaboration**

- Streamlined the deployment of **Angular application** on the **Azure MySQL database connector** using **GitHub Actions for CI/CD**, enhancing the development workflow and application scalability

TATA Consultancy Services, Mumbai, India

10/ 2018 – 10/ 2021

System Engineer

- Utilized **PDFMiner** to automate the extraction of structured data from **clinical trial documents**, optimizing efficiency and accuracy in **data processing** and to extract pertinent information, such as key terms and drug names, facilitating data analysis and reporting in clinical research.
- Engineered an optimized **PySpark** framework for efficient data exchange between banks and **AWS S3**, coupled with **Apache Hive analytics**, which enhanced client revenue by 10% through insightful transformation of business data and generated a predictive model for analyzing customer churns
- Successfully collaborated in a multi-disciplinary team to integrate **third-party services** and APIs, like **Instabase**, boosting application functionality and user satisfaction by 40%
- Proficient in crafting microservice-based **REST APIs using Django DRF** with a robust understanding of **database interactions across different database source connectors**, ensuring seamless data management and service functionality

Education

Master's-Web Engineering

10/ 2021 - 08/ 2024

Technical University Chemnitz (TUC), Chemnitz, Germany.

CGPA : 1.8

Course Modules: *Current Trends in Web Engineering, Cloud & Web Basics, Software Service Engineering, Database Management Systems, Strategic Information Management System, Media Retrieval and Encoding.*

B.E - Computer Engineering

05/ 2014 - 07/ 2018

Mumbai University, Mumbai, India

CGPA : 1.9

Course Modules: *Data Structures, Object Oriented Programming Language, Analysis of Algorithm, Structured and Object-Oriented Analysis and Design, Distributed Database, Data Warehouse and Mining, Big Data Analytics, Image Processing*

Professional Development

- ❖ Awarded with **THE SPOT AWARD** for Commitment, dedication and being an **“Inspiring Role Model”** by Tata Consultancy Services Limited and excellent performance in a banking client project.

Technical Proficiencies:

- **Programming Language** : Python, TypeScript, JavaScript, NodeJS, Kotlin/Java, C#
- **Scripting Language** : HTML, CSS/SCSS
- **Frameworks** : Angular, NextJs / React , SAPUI5, Django, PySpark
- **Cloud Services** : Azure DevOps, Azure CI/CD Pipelines, AWS Services
- **Containerization** : Docker, Kubernetes
- **Repository** : GitHub, Gitlab, Nx MonoRepo
- **Databases** : MongoDB, MySQL, PostgreSQL
- **IDE & Plugins** : VSCode, IntelliJ Idea, Cursor, Nx Console

Languages:

German (B1), English (Native)



Signature