Taher Jerbi
Software Engineer

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SUMMARY

Full Stack Software Engineer with **3+ years of experience** building systems for **1000+ users** across customers, operations teams, and business stakeholders. Skilled in TypeScript, GraphQL, Google Cloud, and modern practices such as CI/CD and TDD. Experienced in collaborating with cross-functional teams to deliver projects from concept to launch.

PROFESSIONAL EXPERIENCE

P&T Software GmbH   Frankfurt am Main, Germany | Hybrid

Software Engineer   *09.2024 - Present*
- Architected and implemented an RFID-powered inventory and delivery management system for EatFresh, enabling operations to scale **from a single prototype to 20+ smart fridges** across Frankfurt.
- Built end-to-end product lifecycle tracking from warehouse intake and inspection to RFID labeling, commissioning, and delivery to smart fridges, enabling warehouse staff to process and track **up to 2,000 products per week** with full traceability.
- Facilitated collaboration between internal teams and external partners like EECC and LEAFR, aligning on requirements and ensuring seamless integration across systems.
- Established robust monitoring and alerting with Grafana and Google Cloud Monitoring, ensuring visibility across the supply chain and system components. Reduced system **response times by 70%** through early detection and faster issue resolution.

Software Developer   *06.2023 - 08.2024*
- Developed the foundation of the EatFresh platform (customer, admin, and refiller apps); launched the first fridge and gathered feedback from **500+ paying users and 800+ transaction**s.
- Improved code quality through test-driven development and CI/CD integration, reaching **over 70% test coverage** across unit, integration, and E2E tests.
- Championed **GraphQL and TypeScript best practices**, introducing graphql-codegen and working closely with teammates to implement type-safe development across the stack.

Technologies: TypeScript | Vue.js | Node.js | Express.js | PostgreSQL | GraphQL | Java | Google Cloud | Grafana

Brokkr Web Consulting   Tunis, Tunisia

Software Developer   *07.2021 - 05.2023*
- Led and collaborated on client projects, from gathering requirements with stakeholders to coordinating with designers and developers through delivery.
- Launched a multilingual website for 32Bis, a contemporary cultural center in downtown Tunis, centralizing exhibitions, events, and art residencies into a **searchable public platform**, improving accessibility for Arabic, French, and English-speaking audiences.
- Built a custom ecommerce platform for Sanibains, a leading Tunisian distributor of sanitaryware, enabling **online ordering for the first time** and expanding their sales channels beyond physical stores and social media.

Technologies: TypeScript | React | Next.js | Strapi | i18n | Redux | GraphQL

Upwork Client - Watcherly   Australia | Remote

Freelance Full Stack Developer   *01.2022 - 11.2022*
- Developed a social media platform for movie enthusiasts, integrating features like user profiles, movie reviews, and interactive discussions. Collaborated closely with a freelance designer to align on design and functionality.
- Migrated over **70% of the codebase to TypeScript**, enhancing code maintainability and developer experience.
- Received a **5-star review** from the client for delivering comprehensive solutions and exceeding project expectations.

Technologies: TypeScript | React | Node.js | Gatsby | GraphQL | Framer Motion

EDUCATION

National Software Engineering Diploma   Tunis, Tunisia
INSAT, University Of Carthage   2019 - 2024
Data Structures and Algorithms; Software Architecture; Theory of Computation; Cloud Computing; AI; Testing; DevOps.

Neural Networks and Deep Learning Certification   Tunis, Tunisia
DeepLearning.AI / Coursera   2020
Foundational knowledge in deep learning, including building and training neural networks.