SOFTWARE ENGINEER

Tommaso Bassignana

KEY ACHIEVEMENTS

Healthcare I created data-oriented solutions serving medical professionals and patients

Automation and Performance Optimization I reduced manual processes and consistently delivered roughly 50-120% efficiency improvements across projects

Cross-functional Leadership Successfully managed teams in projects spanning ML, backend, and frontend development

EXPERIENCE

DELTACARE - FULLSTACK SOFTWARE ENGINEER   2024 - PRESENT

- Developed several tools for helping diabetes management
- Developed algorithmic solution to discover patterns in diabetic patients data

ZANICHELLI - SOFTWARE ENGINEER   2024

- Created automations (JS, JSX) for managing hundreds of interventions on digital books resulted in meeting previously impossible deadlines in multiple projects
- Developed tools for helping different phases of the book editorial process

DELTACARE - MACHINE LEARNING & SOFTWARE ENGINEER   2022 - 2024

- Created data pipelines, backend infrastructure and implemented machine learning solutions for analyzing diabetes patients data (Bash, Python & MongoDB on Linux server)
- Created custom frontends for delivering insights to healthcare professionals (Python, JS, HTML, CSS)

GFT TECHNOLOGIES - ETL & BACKEND ENGINEER   2020 - 2022

- Doubled team productivity by reverse engineering and automating with Python an IBM ETL software
- Managed and improved Linux backend using Bash, SQL and Python by implementing new features, improving performances while increasing efficiency

SKILLS

- Collaboration, communication, creative problem solving
- Programming Languages: Golang, JavaScript (and HTML/CSS), Python, SQL, Bash
- Frameworks & Libraries: React, Redux, Node.js, Pandas, NumPy, Streamlit
- Databases: SQLite, Teradata, MongoDB, PostgreSQL
- Cloud & Infrastructure: Linux, OpenBSD, Docker, ETL Pipelines, REST APIs
- Machine Learning: Deep Learning, Causal Inference, Data Mining, Custom Algorithm Development
- Development Tools: Git, CI/CD, Agile/Scrum, Test-Driven Development

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