Kilian Voss

Software Engineer

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PROFILE:

A dedicated and innovative Software Engineer with comprehensive experience in front-end and back-end development. Adept at handling remote work and delivering top-tier projects to a global clientele. Proficient in an array of programming languages, frameworks, and databases with proven ability to employ them to deliver robust software solutions. Accomplished in developing and deploying trading algorithms and managing CMS integrations.

KEY STRENGTHS:

Software Development: Demonstrated experience in full-stack software development. Proficient in JavaScript, HTML/CSS, Python, MySQL and React.js.

Project Management: Experience in managing end-to-end software development projects, including planning, design, coding, testing, and deployment.

Team Collaboration: Proven record of working in remote teams, collaborating effectively to deliver software projects on time.

Problem Solving & Critical Thinking Skills: Capable of quickly identifying and addressing technical and operational issues.

Communication Skills: Skilled in explaining complex technical ideas to non-technical stakeholders and clients.

WORK EXPERIENCE:

Software Engineer, Abelian Capital, Munich (Germany) (Remote)
01/2022 - Present
Abelian Capital is a cutting-edge fintech startup that leverages proprietary algorithms to conduct algorithmic trading of financial assets, offering clients sophisticated, data-driven investment strategies

- Spearheaded development and deployment of infrastructure supporting trading algorithms for various financial assets.
- Engineered comprehensive database for storing and updating historical price data of over 15,000 financial assets.
- Designed and implemented a scalable backtesting program for generating historical trade signals.
- Utilised vectorBT library for trade signal profitability assessments and comprehensive statistical analyses.
- Successfully deployed tested trading strategies for live trading on platforms like Alpaca, Binance, and Kraken.

Software Engineer, Self-Employed (Freelancing), Remote
01/2021 - Present (Part time)

- Led both front-end and back-end software development, providing robust full-stack solutions for international clients.
- Notably developed a configuration portal for a leading electrical engineering firm.

Coding Instructor & creation of Curriculum , Skilligence/Junior Engineers, Melbourne
01/2023 - 07/2023 (Part time)
Junior Engineers is a pioneering edtech company that offers comprehensive and interactive coding programs tailored specifically for high school students,

- Oversaw instruction of fundamental programming concepts for high school students, utilising interactive methodologies.
- Delivered structured, part-time Python lessons tailored to high school education level.

Frontend Developer, CampusM21, Munich (Germany) (Hybrid Remote/Office)
01/2019 - 01/2021
Campus M21 is a private German university that offers practice-oriented study programs in linkedin
media, sport & event, tourism, fashion, marketing, and management, fostering industry-ready professionals through a blend of theoretical knowledge and practical experience

- Managed CMS integration and homepage maintenance, improving responsiveness and overall user experience.
- Led system migration from Joomla to Strapi.
- Integrated analytics software into the homepage, building a custom dashboard for real-time trend tracking.
- Assisted in the creation of new UI components to enhance website aesthetics and usability.

EDUCATION:

Bachelor of Science in Computer Science, Technical University of Munich, Munich (Germany)
09 2017 - 06 2021

Fachabitur (Art Installations), Technical College of Bavaria, Munich (Germany)
09 2014 - 06 2016

TECHNICAL SKILLS:

Front-end: HTML/CSS, Tailwind CSS, Bootstrap CSS, JavaScript, React Js, D3.js , Plotly.js

Back-end: Node JS, Express.js, Mongo.db, Python, Flask, Pandas, SciPy, MySQL, Strapi CMS

Tools: Docker, Git + Github

Deployment (AWS): EC2(Bare metal Linux), Lightsail, SQS(Messaging Queue), ECR/AppRunner, RDS(Relational DataBase)