Tiller Blomfield *Senior FullStack Engineer*

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Profile

As a seasoned Full Stack Software Engineer with over 7 years of experience, I specialize in delivering high-quality, scalable solutions in the fast-paced domains of Fintech and E-commerce. I am proficient in a broad range of technologies, including JavaScript/Typescript, React/React-Native, Node.js/Nest.js, Python, Django/Flask, PHP/Laravel/Yii2 which enables me to build robust, secure, and user-centric platforms.

In the Fintech space, Contributed to developing innovative payment solutions, digital wallets, and online banking systems, always with a keen eye on compliance, data security, and user experience.

In the E-commerce sector, Creating seamless shopping experiences, integrating payment gateways, and developing inventory management systems that handle high-volume transactions and complex logistics.

I am a strong advocate for agile methodologies, promoting teamwork, continuous improvement, and effective communication. My analytical skills, coupled with my passion for solving complex problems, enable me to tackle challenges in innovative ways. I am committed to leveraging technology to drive business growth, enhance customer experiences, and foster financial inclusion.

Professional Experience

Senior FullStack Engineer, *Ocorian*   2018 – 2024 | United Kingdom
- Developed applications using FastAPI, Express, Laravel, and Yii, resulting in a 25% increase in application scalability and a 10% reduction in development time.
- Developed systems capable of generating accurate financial reports and ensuring compliance with tax laws and financial reporting standards is essential.
- Developed a personal finance app involves aggregating data from multiple sources, categorizing transactions, providing insights on spending habits, and offering budgeting and savings tools. Experience with data aggregation APIs and user data encryption would be relevant.
- Built an automated trading system requires expertise in algorithmic trading strategies, real-time data processing, and integration with stock exchange APIs, while also implementing rigorous security measures to protect users' investments.
- Crafted a user-friendly design that simplifies the shopping process, from browsing products to checking out including responsive design for mobile devices, easy navigation, and quick load times.
- Prepared for traffic spikes during sales or promotional events with scalable cloud hosting solutions, content delivery networks (CDN), and efficient caching strategies.
- Implemented and managing commission structures, fees, and other financial transactions between buyers, sellers, and the platform.

Technologies: Python, PHP, React, Redux, Typescript, PostgreSQL, MongoDB, AWS Lambda, API Gateway, Appsync, S3, SNS/SQS, Docker, Kubernetes, Kafka

Full Stack Developer, *APG*   2014 – 2017 | Netherlands
- Integrated payment gateways and processing systems requires understanding various payment methods, including credit/debit cards, bank transfers, e-wallets, and cryptocurrencies. Ensuring smooth and secure transactions is essential for user trust.
- Created intuitive and engaging user interfaces is crucial in financial services to help users navigate complex financial information and decisions easily.
- Leveraged artificial intelligence (AI) and machine learning (ML) for personalized financial advice, predictive analytics in credit scoring, and automating customer service with chatbots enhances user engagement and operational efficiency.
- Experienced with cloud services, microservices architecture, and database management can address these needs.
- Ensured that the systems can handle high volumes of transactions without latency issues is critical, especially in trading platforms and payment processing systems.

Technologies: Node.js, PHP, AWS Lambda, API Gateway, SNS, SQS, S3, Jest, React, React-Native, Docker, DynamoDB, PostgreSQL, MongoDB

Education

Bachelor of Computer Science,   2008 – 2013
Leiden University College The Hague

Skills

PHP ● ● ● ● ●
Laravel, Yii2

Python ● ● ● ● ●
Django/Flask/FastAPI

Node.js ● ● ● ● ●
Nest.js

React ● ● ● ● ●
React-Native, Redux, Bootstrap, MUI, AntDesign

CI/CD ● ● ● ● ●
Docker, Docker-Compose, Kubernets, Jenkins

AWS ● ● ● ● ●
Lambda, API Gateway, RDS, S3