Yiğit Tanrıverdi

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As a Senior Full Stack Software Engineer and Creative Technologist with extensive experience in FinTech and E-commerce industries, I have a proven track record of delivering high-quality software solutions. My expertise spans backend development, DevOps, and frontend technologies, with a strong focus on Test-Driven Development (TDD) and Extreme Programming practices.

Adept in backend development with expertise in Typescript/JavaScript, C#/Asp.net Core and Node.js. Proficient in modern cloud technologies including AWS, Docker, Kubernetes, and Terraform. Passionate about Generative AI, consistently pushing the boundaries of software development.

KEY SKILLS

- **Programming Languages:** Typescript/JavaScript, C#/Asp.net Core, Java, Python, PHP
- **Frontend Technologies:** React (Typescript), Vue.js, HTML/CSS (Bootstrap), JavaScript/JQuery/AJAX
- **Backend Technologies:** Node.js (Typescript), Express.js, ASP.net MVC/Core
- **RESTful APIs:** Experience in designing and implementing RESTful APIs for various applications.
- **Architectures:** Microservices**,** N-tier, Hexagonal, and Clean Architecture
- **Monolithic and Microservices Architecture:** Skilled in both monolithic and microservices architectures, understanding their benefits and trade-offs.
- **DevOps & AMQP :** AWS, Docker, Kubernetes, Terraform, Amazon Redshift, SQS, SNS Topics, RabbitMQ, Redis, ElasticSearch, Kibana
- **Database Management:** MSSQL, Mysql, Postgresql, NoSQL (MongoDB), GraphQL, Prisma, NexusTypes, Entity Framework/Dapper, TypeORM
- **Testing Frameworks:** Mocha.js, Jest, XUnit, FluentAssertion, Moq, AutoFixture
- **Version Control:** GitHub, TFS, GitLab
- **Methodologies:** Extreme Programming, Trunk Based Development, Software Craftsmanship (TDD, Pair Programming, CI/CD)
- **Interests:** Generative AI, Blockchain Technologies

WORK EXPERIENCE

RIDE Capital   *Berlin, Germany*   *03/2021 – 06/2024*
Senior Software Full Stack Engineer

- Developed features for the RIDE platform using Test-Driven Development (TDD) and pair programming on both backend and frontend with Node.js (Express.js), GraphQL (Prisma), TypeORM and React (typescript).
- Provided DevOps support, including the introduction of a new deployment environment in AWS.
- Interacted with stakeholders to clarify functional and non-functional requirements.
- Researched and introduced new libraries and technologies, such as TypeORM for new database ORM.
- Continuously refactored the codebase to improve build times, code quality, and project architecture.
- Integrated APIs with external service providers, including banking, Stripe, and HubSpot.

Kfzteile24 GmbH   *Berlin, Germany*   *02/2020 – 03/2021*
Senior Software Full Stack Engineer

- Worked with the Fulfillment team to migrate old Visual Basic applications to new event-driven, AWS cloud-powered Asp.net Core applications.
- Utilized Terraform as Infrastructure as Code (IaC) to manage and deploy applications on AWS.
- Employed SQS and SNS Topics as message brokers for microservices.
- Followed Scrum methodology for project management, ensuring flexibility and rapid iteration.
- Emphasized pair programming, testing, and PR reviews to maintain high code quality.
- Used Swagger for documenting services.
- Leveraged XUnit, FluentAssertion, Moq, and AutoFixture libraries for testing.

Picksoft Information Technologies LTD *Izmir, Turkey*   *09/2019 – 12/2019*
Senior Software Full Stack Engineer

- Developed a Vue.js application for Keepnetlabs, transitioning their old security product UI to a new Vue.js UI.
- Managed the project using Azure DevOps and Zeplin for UI designs, with TFS for version control.
- Provided UI development support for Tuttur.com's React application, utilizing Jira for project management, Zeplin for UI designs, and GitLab for version control.

Blacc Enterprises   *Izmir, Turkey*   *11/2018 – 04/2019*
Bakend Software Engineer

- Developed an Amazon-like e-commerce platform, focusing on backend development and API creation.
- TFS via Azure DevOps, used Scrum for project management, and utilized Vue.js, Asp.net Core, and MSSQL for development.
- Implemented Dapper ORM with a UnitOfWork design pattern, developed high-performance logging, token management, and custom middleware.
- Worked with technologies like Redis, RabbitMQ, and Swagger API.

Cybersoft   *Istanbul, Turkey*   *11/2017 – 09/2018*
Full-Stack Software Engineer

- Part of a team that successfully launched a leasing app within a 6-7 month timeframe for Şekerbank.
- Developed front-end design solutions using Javascript, and created Java request handlers to manage inputs to MongoDB.
- Used a variety of technologies including Java, Python, JavaScript, MongoDB, and HTML/CSS, and built a custom framework using Mithril.js.
- Utilized Jira tools like Bamboo, Confluence, and Stash for project management, documentation, and version control.

AN Software ve E-Commerce   *Izmir, Turkey*   *03/2016 – 04/2017*
Full-Stack Software Engineer

- Contributed to the development of a CRM Web App and a Ticket Support System Web App.
- Utilized technologies such as ASP.net MVC, LINQ to SQL, HTML/CSS (Bootstrap), JavaScript, JQuery, AJAX, and SQL.
- Implemented C# design patterns like the Abstract Factory Pattern and Repository Pattern.
- Developed an automated email system and a HTML to PDF conversion feature.
- Worked with C# Background Worker for asynchronous tasks and used the Entity Framework.

EDUCATION

Yaşar University   *Bachelor's degree in Software Engineer*   **01/2013–01/2017**

Languages: Fluent in **English** and **Turkish.**

SKILLS

Node.Js (Typescript), Express.js, GraphQL (Prisma), Github, Kubernetes, Database Design,Web Services, Software Algorithms, ASP.NET MVC/Core, Continuous Integration, HTML5, C#, Object Oriented Design, SQL, Agile Methodologies, CSS, E-commerce, PHP, Web Development, Troubleshooting, Typescript/JavaScript, Trunk Based Development, HTML/CSS (Bootstrap), Kibana, TDD, Dapper, CI/CD, Mocha.js, AWS, TypeORM, XUnit, XP Methodologies, NoSQL, MSSQL, Kibana for Microservice Implementation, React, Jest, NexusTypes, Database, React (Typescript), Redis, RabbitMQ, Pair Programming, Moq, Javascript, Java SE, Elasticsearch, FluentAssertion, Docker, Vue.js with TypeScript, Strong OOP knowledge, TFS for version control system, AJAX, Extreme Programming/Trunk Based Development (TDD, Typescript/Javascript, JQuery, NoSQL (MongoDB), SQS and SNS Topics, ASP.net MVC/Core, Entity Framework, AutoFixture Testing Frameworks), Amazon Redshift, Terraform, Java, Distributed Systems,

PERSONAL ACHIEVEMENTS

POC – 2023

Generative AI

Achieved star seller status on Etsy by leveraging Generative AI, showcasing expertise in AI techniques for shop
creation. Generated unique designs, personalized review responses, resulting in increased sales, customer satisfaction, and industry recognition. Continuously learning and adapting of Generative AI advancements.

1st Blockchain Presentation

PRESENTER FOR‹CYBERSOFT COMPANY›   *Istanbul,Turkey - February, 2018*

BlockChain & Implementation in Bussiness

Covered topics such as Blockchain 1.0 and its history, Bitcoin protocol and consensus, Merkle Tree and SHA hashing algorithm, Bitcoin transactions and wallets, SegWit and Lightning Network. Explored Proof of Work (PoW) and Proof of Stake (PoS), mining, and mining algorithms. Discussed Ethereum, DAO Hack, Smart Contracts, and applicable blockchain technologies like Hyperledger and Microsoft Coco Framework. Explored Blockchain 3.0 with Cardano, IOTA, and EOS, and discussed future developments and applications.

REFERENCES

Oleksii Fedorov – **Ride Capital Head of Trading Technologies** – Phone: (+49) 1575-748-6476

Simon Soltysiak - **Ride Capital (Growth Team) - Team Lead** - Phone (+48) 791–219–172

Sebastian Malm - **Smoobu Head of Product (From Ride Capital)-** Phone (+49) 176–218–19893

Francisco Briceno – **HERE Technologies(From Ride Capital) Lead Software Engineer** – Phone: (+49) 176-646-36823

Philipp Eiglsperger – **Kzfteile 24 (Fulfillment Team) Team Lead** – Phone: (+49) 173-653-3891

Mustafa Özkanlı – **Picksoft Founder** – Phone: (+90) 542-339-9743

Utku Bilgin – **Blacc Enterprises CTO** – Phone: (+90) 532-643-8854

Ayhan Apaydın – **Cybersoft Manager - Infrastructure, Mobile and Internet Banking Group** – Phone: (+90) 532-590-1610

Nur Erler – **Cybersoft Manager - Business Analyst** – Phone: (+90) 533-432-7718

Yunus Emre GÖL – **An Software Founder** – Phone: (+90) 551-209-8959