Deniz Özdemir

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I am a motivated software developer, changing careers from product management in consumer investing. Equipped with a strong foundation in C/C++, I enjoy learning new technologies and am eager to dive into all aspects of development.

Technical Skills

Programming Languages	C, C++, Go, Python, JavaScript, HTML, CSS, SQL
Development Tools	Git, Docker, Bash, Vim, VS Code, Jira, Confluence, Figma

Projects

- **Pong Web App**: Currently building a full-stack Pong game that will feature a microservices architecture, real-time multiplayer functionality, game statistics, and an AI opponent.
- **Web Server**: Developed an HTTP/1.1 compliant web server in C++98 with configuration management, CGI support, and comprehensive unit testing. Implemented non-blocking I/O with poll.
- **Ray Tracer**: Implemented a ray tracer to render 3D images with multiple objects using test-driven development.
- **Minishell**: Built a custom Unix-like shell in C, emulating Bash functionality with support for command execution, built-ins, piping, redirection, and signal handling.
- **Philosophers**: Simulated the dining philosophers problem with multithreading in C. Also reimplemented in Go.

Experience

Deutsche Kreditbank AG — Berlin, Germany
Product Manager, Retail Clients – Securities and Savings — *10/2022 - Present*
Trainee, Banking Transformation — *10/2021 - 09/2022*

- Led cross-functional collaboration by creating detailed user stories, prioritizing development tasks, and facilitating communication between legal, design, engineering, QA, and marketing teams. Drove the development of key features for a new brokerage software, ensuring alignment and timely delivery.
- Simplified complex regulatory frameworks by translating them into clear technical specifications. Partnered with an adjacent team to deliver a self-disclosure product, ensuring full compliance with financial regulations.
- Improved search functionality for a consumer investment portal by coordinating efforts between external providers and in-house development. Enhanced the user experience, leading to increased satisfaction and engagement.

Capgemini SE — Munich, Germany
Intern, Management Consulting – Business Data Strategy — *08/2020 - 10/2020*

SAP SE — Walldorf, Germany
Working Student, Customer Success – Project Management — *08/2019 - 04/2020*

Mitsubishi Fuso Truck and Bus Corporation — Tokyo, Japan
Intern, Cost Controlling – Business Technology Analyst — *10/2017 - 02/2018*

Education

42 Berlin — Berlin, Germany
Software Engineering — *11/2023 - Present*

- Built functional applications in a project-based learning environment that emphasizes self-directed problem-solving, peer-to-peer learning, and team collaboration in software development.
- Completed 87% of the core curriculum, gaining expertise in imperative and object-oriented programming while acquiring practical experience in algorithms, graphics, networking, system administration, and web development.

University of Mannheim — Mannheim, Germany
MS, Finance and Information Systems — *09/2018 - 06/2021*

Humboldt University of Berlin — Berlin, Germany
BS, Economics — *10/2013 - 10/2017*

Further Competencies

Languages	English (Full Professional), German (Native), Turkish (Intermediate), Italian (Elementary)
Credentials	AWS Compute, Storage, Databases, and Serverless (AWS Educate), CSPO (Scrum Alliance)