

Tamerlan Mustafa

An experienced full-stack software engineer seeking to contribute to innovative projects that enable me to build impactful solutions | [Active Clearance holder](#)

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Relevant Experience

Full-stack Software Engineering fellow, **General Assembly**

Jun 2024 – Feb 2025

- Developed a full-stack book collection application with a PostgreSQL database, a Python Flask backend, and a React frontend. Implemented JWT authentication to manage user access securely.
- Developed backend functionalities using Node.js and Express, integrating MongoDB with Mongoose for efficient data management. Designed and implemented RESTful APIs to handle CRUD operations, ensuring seamless communication between the server and the client.
- Collaborated with teams to debug, test, and optimize applications, adhering to best practices in coding and documentation

Front-End Developer, **T-Mobile** *Sept 2022 – Oct 2023*

- Developed and maintained responsive web applications using React, TypeScript, and Redux, ensuring optimal performance and user experience across devices.
- Integrated RESTful APIs and GraphQL endpoints to fetch and display real-time customer data, improving dashboard efficiency by 30%.
- Implemented Material-UI and Tailwind CSS to create a modern and accessible UI, aligning with T-Mobile's design guidelines.
- Participated in agile development cycles, conducting code reviews and contributing to team-wide best practices in Git and CI/CD pipelines.

Front-End Engineer, **PashaBank LLC** *July 2019 – Aug 2022*

- Worked on front-end development of PashaBank's Digital Payments Platform, enabling seamless B2B and B2C transactions for corporate clients.
- Built secure and high-performance UI components using React, TypeScript, and Redux Toolkit, ensuring a smooth payment processing experience.
- Enhanced authentication and security flows by implementing OAuth 2.0 and biometric authentication support, aligning with financial industry compliance standards.

Additional Experience

Active Duty Soldier **US ARMY**, *Nov 2023 – May 2024*

- Achievements and Roles: Alpha Team leader, Navigation Team leader, Company Guidon Bearer, Duty Squad Member.

Skills

Programming Languages

HTML, CSS, JavaScript, Python

Frameworks & Libraries

React, Node.js, Express, Flask, EJS, Mongoose

Databases

MongoDB, SQL, PostgreSQL

Tools & Platforms

Git, GitHub, Heroku, Netlify, Adobe Photoshop, Adobe Illustrator

Styling & UI

SCSS, Tailwind CSS

Selected Projects

FlaskApiBackend

Backend for the book collection platform using Flask, PostgreSQL, and JWT authentication. App uses RESTful APIs that supports full CRUD functionality for book posts and reviews.

ThatOneDay

This app highlights stories and events tied to dates in history. With the help of data from Wikipedia API, Users are able to access to key events on a selected date

YougaStudio

YougaStudio is a web application built in React that provides a platform for yoga enthusiasts to explore and sign up for yoga classes offered by a studio.

Education

University of Economics, Baku, Azerbaijan 2017 - 2021

Bachelor's degree in Finance