YIGIT OCAK

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ABOUT ME

A Full-Stack Developer who loves creating intuitive and dynamic web applications. With skills in React, Node.js, Express, and MySQL, I turn complex challenges into user-friendly solutions. I enjoy working on real-time features with Socket.io, secure authentication with JWT, and responsive designs with styled-components. I'm excited to bring my skills to a forward-thinking team and contribute to innovative projects.

EDUCATION

BrainStation, Full-Stack Development Bootcamp, Toronto, ON   **Feb 2024 — May 2024**

- Graduated with a 93% average.
- Created numerous projects involving front-end, back-end, and full stack development.
- Utilized ReactJS, Socket.io, JavaScript, ExpressJS, KnexJS, and MySQL in project development.
- Gained practical experience in building responsive web applications and real-time features.

Seneca College, Computer Programming, Toronto, ON   **May 2023 — Jan 2024**

- Graduated with a GPA of 3.5.
- Built applications using languages like C, C++, JavaScript, and MySQL.
- Focused on practical problem-solving in coding projects.
- Continuously learning and staying updated with the latest industry trends.

PROJECTS

<u>Pixel Punch-Out</u>

A web-based real-time multiplayer fighting game, offering dynamic and interactive gameplay.

- **Frontend:** Utilized React to build a responsive and engaging user interface, delivering a smooth and efficient user experience.
- **Backend:** Designed and implemented RESTful APIs using Express.js and Knex.js for efficient database communication.
- **WebSocket Integration:** Built a WebSocket server with Socket.io for real-time communication, handling game state, movement, and attack events.
- **Secure Authentication:** Implemented JWT token-based authentication and Google OAuth2 for secure single sign-on (SSO).
- Enabled users to change profile pictures, add comments to other profiles, and search for users through a search bar.

<u>Todo App</u>

A responsive task management application focused on delivering an intuitive user experience.

- **Frontend:** Built with React, Vite, and TypeScript to create a dynamic and interactive user interface with responsive design for seamless access across devices.
- **Backend:** Designed and implemented using Node.js, Express.js, and Knex.js for efficient database communication.
- **Real-Time Updates:** Enabled through state management, ensuring instant updates for task creation, deletion, and completion.
- **Authentication:** Implemented JWT for secure user authentication.
- **API Endpoints:** Created endpoints for managing todos and user authentication, including user registration and login.

SKILLS

- **Frontend:** React + hooks, Context API, Javascript, Typescript, HTML5, SCSS, Tailwindcss, Redux
- **Backend:** Node.js, Knex.js, Express.js, Socket.io, Discord.js
- **Databases:** MySQL, MariaDB, PostgreSQL, SQLite, MongoDB, Redis
- **Tools:** AWS, Bash, Heroku, Vercel. Cloudflare, Git, GitHub
- **Authentication and Authorization:** JWT, OAuth2, Passport.js

ACHIEVEMENTS

Best Full-Stack Final Project - BrainStation   **2024**

Best Hackathon Project - BrainStation   **2024**