

DENNIS PAVLYUK

Senior Software Engineer (Front-End)

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Rochester, NY ☆ (From Mid-level to Senior based on Lead Developer Feedback)

EXPERIENCE

TypeScript Developer 09/2022 - Ongoing
BrightFi (ERC Digital) Scottsdale, AZ

A credit-calculation application for small businesses who lost profits during government shutdown orders. Users can navigate through their application using a mobile-first dashboard.

- Implemented UI in two months with React-Hook-Form, React-Router, Recoil.js, Vite & Custom Hooks
- Ensured type-safety without using `any` or `unknown`

<https://app.ercdigital.com>

Lead Developer 12/2021 - 09/2022
Mic Check Austin, TX

A social-media application to connect bands, venues & promoters distributed on web & mobile platforms using NextJS and TypeScript. Users can find shows and visualize usage data using ReCharts.

- Implemented UI designs from Figma into optimized MUI v5 React components
- Mentored junior front-end developer on modern React development patterns

<https://web.archive.org/web/20220316154633/https://www.themiccheck.com/>

Front-End Development Instructor 04/2021 - 09/2022
Monroe Community College Rochester, NY

A nightly course teaching students the fundamentals of modern CSR web-application development.

- Teach classes on skills & tools for modern Frontend Developers from the basics to React w/ NoSQL Firebase database
- Help develop curriculum & teach CSS3 technologies, Git Bash, and Big-O Notation

<https://campusce.monroecc.edu/monroecc/course/course.aspx?C=621>

Full-Stack JavaScript Developer 08/2020 - 01/2021
Kalyna (UAFGR) Rochester, NY

A full-stack registration application for a local non-profit organization preserving Ukrainian Folk Dances.

- Preserved user registration using Firebase Serverless Functions
- Implemented Google Analytics in a client-side rendered application
- Processed payments with ExpressJS via Stripe API

<https://www.uafrg.org/>

EDUCATION

B.S. in Computer Science
State University of New York Brockport

Front-End Development Professional Certification
Monroe Community College



PROJECTS

Search & Rescue UAV w/ Machine Learning Human Detection

NVIDIA 3080 In-Stock App

Infix to Postfix Calculator

Portfolio

SKILLS

TypeScript · JavaScript · Firebase ·

Git · Next.js · Express · NestJS · MUI ·

Node.js · React-Hook-Form ·

Web Components · CSS3 ·

Custom Hooks

STRENGTHS

★ Technical Leadership

Granted Lead Development role at Mic Check after increasing productivity by assuming technical product ownership.

ACHIEVEMENTS

💎 Undergraduate Research Award (SUNY Brockport) [UAV w/ ML Human Detection]

Integrated an object-detection ML algorithm in a fixed-wing drone made for search & rescue missions & presented my findings at [NCUR](#).

LANGUAGES

English Native

Ukrainian Native

PASSIONS

♥ Neuroscience

♥ Applied Cryptography

♥ Economics/Game Theory