

DENNIS PAVLYUK

React & TypeScript Developer

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Rochester, NY

EXPERIENCE

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

A credit-calculation application for estimating & calculating total governmental funds guaranteed to small businesses due to a loss of profits during government shutdown orders.

- Implemented UI with MUI, React-Hook-Form, React-Router, Vite & Custom Hooks
- Mobile-Responsive Design created with MUI Media Queries

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

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

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

A local non-profit organization preserving Ukrainian Folk Dances

- Created a React CRUD Application that implemented Firebase Firestore & Serverless Functions for dancer registration
- Processed payments with ExpressJS in a Serverless Function via Stripe API

PROJECTS

Search & Rescue UAV w/ Machine Learning Human Detection:
<https://docs.google.com/document/d/12oLhu1HgHgBghTIKkQNgJJd8vTIUWh6d8u7zuKQ-S88/edit?usp=sharing>
NVIDIA 3080 In-Stock App: <https://github.com/dpsoccerdude101/Kyles3080>
Infix to Postfix Calculator: <https://github.com/dpsoccerdude101>
Portfolio: <https://dennispavlyuk.com>

EDUCATION

B.S. in Computer Science & Philosophy 2018 - 2022
The College at Brockport State University of New York

Front-End Development Professional 2019 - 2020
Certification
Monroe Community College



CERTIFICATION

Javascript Data Structures & Algorithms

FreeCodeCamp (March 2020)

Front-End Libraries

FreeCodeCamp (March 2020)

SKILLS

TypeScript · JavaScript · NoSQL · Git ·

NextJS · ExpressJS · MUI · NodeJS ·

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