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VOVA USHENKO

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PORTFOLIO

vovaushenko.dev

KEY TECHNICAL SKILLS

Frontend

Languages:	JavaScript, TypeScript, HTML5, CSS3
Frameworks:	React, Next.js
Libraries:	Redux, Redux-thunk, Redux-saga, MobX, Styled-components, SASS, React-router, Material UI
Testing:	TDD with Mocha, Jest and Enzyme
Tools:	Webpack, Babel, Gulp, Git, Figma, Adobe Photoshop

Backend

Languages:	Node.js (JavaScript, TypeScript), Python
Frameworks:	Express, Next.js, NestJS
Web:	REST, JSON, GraphQL, WebSockets
Databases:	MongoDB with mongoose, MySQL
Deployment:	Netlify, Heroku, AWS
Code Management:	Git, GitHub, GitLab

EXPERIENCE

Chernivtsi National University — *Full-stack Web Developer*

2019 - Present

Learning and expanding my skills in Web development, I have supervised several projects and websites for the University. Played a crucial role in managing and maintaining various online-learning and business services:

- Developed, designed and maintained the Web portal using the MERN stack, including authentication and database backup.
- Tested, updated, and maintained the website as well as the applications throughout the website lifecycle
- Addressed and fixed issues in a timely manner while keeping abreast on current and emerging technologies, standards, and trends.

University of Oulu, Finland — *Postdoc Research Scientist / Visiting Lecturer*

2017 - 2019

Taught "Computer Image Processing in Biophotonics" as a guest lecturer and supervised the semester projects that consisted of designing experiments, implementing algorithms, and analyzing the results for an image processing problem.

Laboratory of Physics of Interfaces and Thin Films (CNRS, Ecole Polytechnique, France) — *Postdoc Research Assistant*

2017 - 2018

The project was centered on the development of non-invasive cancer-detection algorithms. During the project, I expanded my horizons in machine learning and learned various image processing algorithms and methods.

EDUCATION

Master of Computer Engineering — **Advanced Computer Networks**

Chernivtsi National University

Bachelor of Computer Engineering — **Computer Networking, Cybersecurity and Telecommunication systems**

Chernivtsi National University

HIGHLIGHTED PROJECTS

🔗 Professional Portfolio

A personal portfolio built to showcase my genuine passion for web development and a small part of my professional skills. Built with React, Node and Love.
Technologies: *React, ContextAPI, CSS-in-JS, Lazy Loading, Custom Hooks, Light/Dark Mode*

🔗 Coffee Shop MERN

A real-world full-stack project with REST API, Node.js and JWT-authentication. The front-end part is written by using React with React Hooks, Redux and Redux Middlewares.
Technologies: *React, Redux, Node.js, Express.js, MongoDB, Mongoose, React-Bootstrap, REST API*

🔗 Retrofit Online Commerce Platform

A custom eCommerce platform built with React, Context API, Node.js, Auth0 and Netlify Serverless Functions. This online furniture store has user authentication, stripe payment system and advanced product filtering.
Technologies: *React, ContextAPI, Node.js, Serverless functions, CSS-inJS, Auth0*

🔗 Cocktail DB

A modern cocktail application written with React/Redux and enhanced with Typescript. The app features: Async Requests, Custom Redux Middleware, Action Cancellation, Lazy Loading, Client-Side Storage, Dark/Light mode.
Technologies: *Typescript, React, Redux, CSS-in-JS, Redux Thunk, Custom Hooks*