

BOHDAN KORNATSKYI

FULL STACK WEB DEVELOPER

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github.com/kornatskyi/

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PROFICIENCY

- Developing front-end web applications with **React** and **CSS** frameworks such as **Material UI**, **Bootstrap**, **Tailwind**
- Building Back-end applications with **Node.js** or **Java Spring**
- Using **Docker** to deploy containerized applications to cloud providers such as **Microsoft Azure**, **AWS**
- High proficiency in **Unix/Linux** command line tools
- Writing **Python** scripts to automate routine tasks
- Unit testing with **Jest** and **Junit**, UI testing with **Selenium WebDriver**
- Good understanding of **OOP** concepts and design patterns such as **Singleton**, **Factory Method**, **Abstract Factory** and **Builder**
- Familiarity with **DevOps** and **CI/CD** Pipeline, **Jenkins**
- Have aptitude to independently learn new technologies

Interests: Futurism, Electronics, Open Source, Web 3.0

Work status: Green Card Holder

TECHNICAL

Languages

- JavaScript
- TypeScript
- Java
- Python
- Shell

Backend

- Node.js
- Express
- Spring Boot
- Spring MVC
- Docker

Frontend

- React
- Next.js
- Redux
- HTML
- CSS
- SCSS
- Bootstrap
- Material UI
- Tailwind
- Blitz.js
- React Native

Databases

- MySQL
- MongoDB
- SQLite
- PostgreSQL

Cloud Services

- Microsoft Azure
- Amazon AWS
- Google Firebase
- Heroku
- Netlify
- Vercel

Testing

- Selenium Web Driver
- Junit
- Jest
- Postman

Tools

- Git/GitHub
- Figma
- Jira
- Webpack
- Linux

EXPERIENCE

Web Developer (Pro Bono) | Seattle Coffee Works | Apr 2021 – Jun 2021 | Seattle, WA

- Setting up the company's eCommerce website. Working with Cart.com **E-commerce** platform. Creating pages styling with **CSS/HTML/JavaScript**. Creating small JS plugin application

Manager/Website developer | Artway Construction | Sep 2019 – Jan 2021 | Seattle, WA

- Designing website mock-up template with Figma. Creating responsive web-design with **HTML/CSS/JavaScript**. Configuring **Domain names & SSL**

EDUCATION

Certificates | March 2021 - Aug 2021 | NuCamp (Coding Bootcamp)

- Full-Stack Web Development
- Front-end Web Development

B.S. (Completed 24 credits) | Sep 2016 - Jun 2017 | National Technical University of Ukraine "Kyiv Polytechnic Institute"

- Major: Applied mathematics
- Minor: Mathematical methods of computer modeling

A.A.S | Sep 2012 - Jul 2016 | Pervomaysk College, Ukraine

- Major: Mechanical Engineering
- Minor: Internal Combustion Engines

AWARDS

Mintbean Hiring Hackathon | Sep 2021

- <https://hire.mintbean.io/>
- **Mintbean Star Award** for building 2D browser game in a team of 3 developer

JavaScript Algorithms and Data Structures | Apr 2021

- freeCodeCamp.org
- **JS Fundamentals** - variables, arrays, objects, loops, functions, creating algorithms, **Object Oriented Programing, Functional Programing.**

Responsive Web Design | Mar 2021

- freeCodeCamp.com
- **HTML, CSS** variables, best practices for accessibility, making responsive web design, **CSS Grid**, animation.

PROJECTS

Authentication | Full Stack Project | Oct 2021

- Demo: <https://flamboyant-noyce-da783a.netlify.app>
- Source: <https://github.com/kornatskyi/authentication>
- Implementation of a session-based authentication. The main goal is to have a deeper understanding of how user authentication works.
- Technologies: Node.js, React, React Router, Typescript, SCSS, MySQL, Express

Zombie-time | Frontend Project | Sep 2021

- Demo: <https://kornatskyi.github.io/zombie-time>
- Source: <https://github.com/kornatskyi/zombie-time>
- A 2D zombie survival game made during Mintbean Hackathon. Without using a game engine (hackathon requirements)
- Technologies: JavaScript, HTML Canvas, SCSS, CSS, Webpack

Mathwars | Full Stack Project | May 2021

- Demo: <https://mathwars-49dae.web.app>
- Source: <https://github.com/kornatskyi/zombie-time>
- MathWars is a web application where you can practice your math skills, and add new problems to a global database
- Technologies: JavaScript, React, Redux, React Router, SCSS, CSS, Webpack, Node.js, Express, MongoDB, CKEditor Math Plugin