

Andriy Kostenko

FULL STACK WEB DEVELOPER

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HIGHLIGHTS

- **Over 3+ years of** experience as a **Full Stack Developer**
- Experience using **React.js, Next.js, FastAPI, Flask, Django, (Python / JavaScript)**
- Focus has been on engineering robust **RESTful APIs with FastAPI / Flask / Next.js** enhancing database integrity through advanced **ORM** tool like **Prisma** and fortifying application security with **NextAuth**.
- Experience using **FastAPI** substantially increasing system efficiency by 20%
- Achieved a **15%** boost in transaction speed by integrating **SQLAlchemy ORM** with **PostgreSQL**
- Experience deploying strategies involving **Docker** containers and **AWS (EC2)**
- Availability: **Immediate**
- Communication skills: Very good / **Fluent english**
- Current location: Calgary, AB / able to **relocate**

SKILLS

- Languages: **Python / JavaScript**
- Frameworks: **FastAPI, Django / Next.js, React.js**
- DB: **PostgreSQL, MongoDB**
- Virtualization: **Docker**
- Oper. systems: **Linux, MacOS**
- VCS: **Git**
- Hosting: **AWS, Heroku, Netlify**
- Others: **Gulp, WebPack, SASS, Bootstrap**

PROFESSIONAL WORK EXPERIENCE:

Backend developer

June 2024 – August 2024

ReSkill• Canada

- Designed and implement robust **RESTful API In Next.js**
- Developed and maintained complex database schemas using **ORM** tool **Prisma**
- Implemented secure authentication and authorization mechanisms **using NextAuth** solution. Manage user roles and permissions to ensure appropriate access control across different parts of the application

Backend Developer Jul 2021 - Aug 2022

MEDUZZEN • Ukraine

- Developed backend for a web app with asynchronous **FastAPI Python web framework**, resulting in a 25% increase in I/O bound operations compare to synch. implementation;
- Managed and connected asynchronous **SQLAlchemy ORM** with **PostgreSQL database**, resulting in faster transactions
- Implementing authorization and authentication **through JWT Tokens**
- **Integrated CI/CD features of GitHub Actions**
- Wrapping and setting the application into **Docker Containers** for faster deploying on **AWS (EC2)**

Frontend Developer

Nov 2019 - Jul 2021

CodeExpert • Ukraine

- Built and enhanced dynamic user interfaces with **React.js, HTML, CSS, and JavaScript**, leading to a 30% improvement in user engagement and responsiveness.
 - Reduced page load times by **20%** through efficient use of **React.js** hooks and lazy loading, improving site performance across different devices.
 - Collaborated with designers to implement responsive, accessible layouts using **Bootstrap** and **SASS**, refining user experience and maintaining consistent design.
 - Contributed to maintaining clean, reusable code through modular **JavaScript** practices and code reviews, improving codebase maintainability by 15%.
 - Implemented unit tests for critical components, reducing bugs by **25%** and enhancing reliability of user-facing features.
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EDUCATION

Web Development

Sep 2021 - Jan 2022

Beetroot Academy • Ukraine

Marine Navigation (Master's degree, GPA 4.0)

Sep 2010 - Feb 2018

Kherson State Maritime Academy • Ukraine