

Vadym Bilan

Full Stack Developer

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Portfolio: myportfoliobilvad.netlify.app

SUMMARY

Full Stack Developer with extensive experience in building robust and dynamic web applications. Skilled in JavaScript/TypeScript (Angular, Three.js, Express, NextJS, React) and Python (FastAPI, Django, Selenium, Pytest). Also have a solid background in Automation QA Engineering. Currently working at LightForce, specializing in Angular, Three.js, and Express. Skilled in creating seamless user interfaces, interactive 3D visualizations, and scalable backend services. Looking for a challenging role in Full Stack development to leverage my skills and experience for creating innovative solutions.

SKILLS

JavaScript/TypeScript:

Angular, Express, Three.js, NodeJS, NextJS, React, React Native, Redux

Python:

FastAPI, Django, Pytest, Selenium

Testing:

Cypress, WebdriverIO, Playwright, Jest

Styling:

Tailwind, Bootstrap, HTML/CSS

Cloud & DevOps:

AWS (S3, CloudFront, CloudWatch, Lambda), Azure, Docker

CI/CD:

GitHub Actions, Jenkins, TeamCity

Databases:

PostgreSQL, MySQL, MongoDB

Tools:

Git, Postman, Jira, Nginx, Celery, Redis, Linux/Windows

EDUCATION

Bachelor's Degree - Kherson Maritime State Academy

Ship Power Engineering: Operation of Ship Power Plants

LANGUAGES

English: Fluent **Ukrainian:** Native

EXPERIENCE

Full Stack Developer - **LightForce**

Jan 2024 - Present

Digital orthodontics platform

- Building dynamic user interfaces that enable seamless navigation and interaction with complex orthodontic tools using Angular
- Leveraging Three.js to create accurate, real-time 3D representations of orthodontic treatments based on ML, enhancing user experience and precision
- Developing and optimizing APIs with Express, ensuring secure and efficient communication between the application and the server
- Developing solutions for generating PDFs that visualize complex database information, providing users with comprehensive and easy-to-understand reports
- Working closely with AWS services such as CloudFront, S3, CloudWatch, Lambda Functions to ensure optimal performance, scalability, and monitoring of applications
- Regularly presenting application demos to stakeholders and team members, effectively communicating progress, features, and technical solutions
- Teaching and onboarding new team members, ensuring smooth transition and alignment with project standards and practices

SDET - **Tour Booking Ecosystem**

Jul 2023 - Jan 2024

Complex ecosystem for tour agency services

- Created testing framework on Cypress from scratch for complex tour booking ecosystem
- Maintained and designed back-end API tests using Python (pytest)
- Prepared NextJS project for testing by creating API endpoints and adding data-testids
- Implemented testing for Maizzle email templates
- Integrated tests to CI/CD pipeline using GitHub Actions, Vercel, and Temporal
- Performed manual functional testing and created changelogs for major product updates
- Collaborated with developers on project matters and release documentation

Automation QA Engineer - **QA Madness**

Jun 2021 - Jan 2024

Headless eCommerce on Shopify

- Created comprehensive testing framework from scratch using Cypress
- Prepared React components for automated testing
- Implemented visual regression testing for UI consistency
- Integrated automated tests into CI/CD pipeline (GitHub Actions + Vercel)
- Created and maintained comprehensive test documentation

React Developer - **Home Renovation Company**

Website development for Canadian renovation company

- Created responsive website from Figma designs using React
- Developed dynamic and reusable React components
- Deployed website on Netlify with custom domain configuration
- Performed comprehensive testing to ensure functionality and performance