

## Vadym Bilan

### Contact

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**My Portfolio website:**

<https://myportfoliobilvad.netlify.app>

### Languages

English – fluent

Ukrainian - native

### Skills

- JavaScript(TS): Angular, Express, Three.js, NextJS, React, React Native, Redux, WebdriverIO, Cypress
- Python:, Django, Pytest, Selenium
- AWS
- Nginx, Celery, Redis
- Tailwind, Bootstrap
- CI/CD: TeamCity, GitHub Actions, Jenkins
- Postman
- Linux, Windows
- Jira
- Azure
- SQL(PostgreSQL, MySQL, MongoDB)
- Git
- Docker

### Summary

**Full Stack Developer** with extensive experience in building robust and dynamic web applications. Skilled in JavaScript (TS)(**Angular, Three.js, Express, NextJS, React**) and Python (**FastAPI, Django, Selenium, Pytest**). Also, I 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.

My GitHub: <https://github.com/BilVaD1>

### Education

*Bachelor's degree:*

Kherson Maritime State Academy

Ship power engineering: Operation of ship power plants

### Experience

*Period: January 2024 - up to present*

**Project Description:** As a Full Stack Developer at LightForce, I contribute to the development of cutting-edge solutions for digital orthodontics. The primary focus is creating robust, scalable, and user-friendly applications using **Angular** for the frontend, **Three.js** for interactive 3D visualizations, and **Express** for efficient backend services.

**Role:** FullStack

*Responsibilities:*

- Building dynamic user interfaces that enable seamless navigation and interaction with complex orthodontic tools.
- 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.
- Demo Presentations: Regularly presenting application demos to stakeholders and team members, effectively communicating progress, features, and technical solutions.
- Working closely with AWS services such as **CloudFront, S3, CloudWatch, Lambda Functions** and etc. to ensure optimal performance, scalability, and monitoring of applications.
- Teaching and onboarding new team members, ensuring a smooth transition and alignment with project standards and practices.

# Experience

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**Period:** July 2023 - January 2024

**Project Description:** Working as SDET for a tour agency company that provides complex ecosystems for various tour objects, such as: renting cars, transportation, booking hotels, tours, and others.

**Role:** SDET (Software Development Engineer in Test)

**Responsibilities:**

- Creating the testing framework on Cypress from scratch
- Maintaining the tests on Python(pytest);
- Designing and writing back-end API tests(Python);
- Preparing the project on NextJS for testing(creating API endpoints, adding data-testids);
- Implementing the testing for Maizzle;
- Integrating tests to CI/CD(Github Actions + Vercel + Temporal);
- Manual functional testing;
- Interacting with developers regarding the project matters;
- Taking part in preparing documentation for the release;
- Creating changelogs for major product updates;
- Receiving and analyses of project specification;
- Analyzing user stories and test cases for manual tests in order to create automated software tests;

**Period:** June 2021 - January 2024

**Project Description:** Headless eCommerce on Shopify

**Role:** Automation Quality Assurance Engineer

**Responsibilities:**

- Creating a testing framework from scratch on Cypress
- Preparing the React components for testing
- Implementing the visual regression testing
- Integrating tests to CI/CD(Github Actions + Vercel)
- Created the test documentations

**Project Description:** Website for home renovation company in Canada

**Role:** React Developer

**Responsibilities:**

- Creating website from Figma on React
- Creating the dynamic components
- Deploy website on netlify with a custom domain
- Testing