Nikola Baikushev

Full-Stack Developer

Web developer with hands-on experience in full-stack development, delivering real-world applications in a professional setting. Committed to writing clean, scalable, and easily maintainable code that supports long-term growth. Values simplicity, readability, and solid architecture. Always eager to explore new technologies and confident in adapting quickly to unfamiliar tools or stacks.

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WORK EXPERIENCE

Full-Stack Developer
Hermes Engineering

02/2024 - Present   *Sofia*

Distributor of electronic components and systems for industries like automotive, aerospace, and renewable energy.

Achievements/Tasks

- Refactored and extended critical parts of an internal CRM system built with NestJS, Angular, and PostgreSQL, improving maintainability and scalability.
- Designed and extended permission-based access control with custom decorators and global logout handling via AWS Cognito to enforce real-time role changes.
- Developed secure, dynamic email workflows using AWS SES and JWT tokens, enabling automated requests, access-limited links, and email attachments.
- Integrated third-party APIs (e.g., Mouser, DigiKey) and web scrapers to automate part sourcing, reducing manual labor through real-time data sync and progress tracking.
- Developed reusable Angular components and improved legacy UI code for better scalability, reducing duplication and aligning with best practices.
- Maintained backend test coverage with Jest, enforced through CI/CD, by testing key services and improving overall reliability of business logic.

TECHNICAL SKILLS

Main Tech Stack
Nest.js, TypeScript, Typeorm, PostgreSQL, Angular, Jest, Jira, Bitbucket

Back-End
Node.js, Express.js, Django, MongoDB, Mocha, Chai.js

Front-End
Angular Material, React.js, Material UI, TailwindCSS, Bootstrap, HTML5, CSS3, SCSS

Tools & DevOps
Docker, Git, Linux, Azure, AWS, Bash, CI/CD, Selenium, Redis

Limited Experience
Vue.js, Prometheus, Grafana, Web Scraping, GraphQL, Bulma, Ant Design

PERSONAL PROJECTS

Picturedom (Full-Stack Django MPA) (06/2021 - 08/2021)
- Final project for Software University's full-stack program.
- Multi-page image-sharing platform inspired by Instagram.
- Developed using **Django** and **PostgreSQL**, featuring user registration, login, image uploads, and basic feed browsing.
- Deployed at: https://picturedom.onrender.com/
- Repository at: https://github.com/Azzarox/Picturedom.git

Artistic (Vanilla JS SPA) (08/2021 - 04/2022)
- Single-page image CRUD app built with **vanilla JavaScript**, using **Firebase** for backend services.
- Implemented routing with **page.js** and templating with **lit-html** .
- Created as a follow-up to Picturedom, focusing on SPA architecture without a frontend framework.
- Deployed at: https://fir-project-39721.web.app/
- Repository at: https://github.com/Azzarox/JS-SPA-FrontEnd-Project

Todo App (MERN Stack) (03/2023 - 05/2023)
- Full-stack task management app built with the **MERN stack** (MongoDB, Express.js, React, Node.js).
- Backend provides a REST API with task CRUD operations and JWT-based authentication.
- Frontend built with React and deployed separately.
- API: https://todo-mern-app-juco.onrender.com
- Client: https://my-todo-mern-app.web.app/
- Repository at: https://github.com/Azzarox/My-Todo-MERN-App

CERTIFICATES

Diploma – Professional Software Development Program
 (05/2020 - 07/2023)
View Certificate

EDUCATION

Software University
Professional Software Development Program

05/2020 - 07/2023   *Grade: 5.87/6.00*

Courses

- Python Advanced & Python Web (Django).
- JavaScript Advanced & Web (React, Express).
- Containers, Docker & DevOps Basics.

INTERESTS

Mobile Applications | AI | Blockchain | Gym

Guitar | Reading | Sports

LANGUAGES

English
Full Professional Proficiency

Arabic
Limited Working Proficiency