Heorhii Huziuk

Node JS engineer

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- https://github.com/hhuziuk

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Projects:

Book marketplace:

https://github.com/hhuziuk/marketplace.git

Used technologies: PostgreSQL, Typeorm, NodeJS(Express), Redis, Docker
- implemented the DDD(Domain-driven design) architecture approach
- used different authentication strategies (local and Google authentication using Passport.js)
- implemented the interaction with the payment service Stripe and the parcel service Shippo and mail verification using nodemailer
- used Redis to store user sessions
- worked with Docker-Compose to create containers with the project
- wrote tests using Postman

BonORM:

https://www.npmjs.com/package/bonorm, https://github.com/hhuziuk/bonORM.git

Used technologies: PostgreSQL, MySQL
- created my own ORM implementation to simplify interaction with databases
- added support for such relational databases as PostgreSQL and MySQL
- worked with metadata in NodeJS, used decorators
- built a command interface for generating configurations and migrations
- added support for migrations
- added support for the Class-Validator library, which allows you to set validation rules directly in classes

Library platform:

https://github.com/hhuziuk/library_platform_ddd.git

Used technologies: PostgreSQL, MongoDB, Typeorm, Mongoose, NodeJS(Express), Redis, GraphQL
- implemented the DDD architecture approach
- used Redis to store user sessions
- built authentication system on JWT
- wrote tests using Postman and unit-tests using Jest
- used MongoDB and Postgres databases (which could be quickly changed between them) to store user data
- wrote documentation using Swagger
- hosted project on Google Cloud Platform

Skills:

Programing languages:
- JavaScript/ TypeScript
- SQL
- C/C++

Frameworks:
- NodeJS(Express)

Databases:
- PostgreSQL
- MySQL
- Redis
- MongoDB
- GraphQL

ORMs/ODMs:
- TypeORM
- Sequelize

DevOps:
- Docker + docker-compose
- Google Cloud Platform

Operating system:
- Linux(Ubuntu, Kali)
- MacOS

Other:
- Swagger
- Jest
- WebSockets/MQTT protocols
- Git(GitHub)
- Principles and patterns: SOLID, MVC, OOP, DDD, REST, CI/CD

Foreign language:
- Ukrainian[Native]
- Polish[B2]
- German[Goethe-Zertifikat B2]
- English[B2]
- Russian[Native]

Education:

2018-2022:
- Volyn Science Lyceum (Math profile): Avg grade: 11.4 / 12

2022- now:
- West Pomeranian University of Technology: Computer Science

About me:

I'm a developer with experience in implementing complex projects using PostgreSQL, TypeORM, NodeJS, Redis and other related backend technologies. My interests include hacking, cloud technologies, reading technical and scientific books related to computer science and economics, cycling, outdoor activities and working with electronics and hardware.