Vlad Kuliani

Full Stack Software Engineer

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SKILLS

JavaScript	HTML	CSS/SCSS	React.js	Redux	Redux-Saga	Node.js	Express	Mocha	Chai
Puppeteer	Webpack	MongoDB	Postgres	DynamoDB	SQLite	SQL	F#	C++	Python
Flask	Git	Test-Driven Development (TDD)		Domain-Driven Design (DDD)					

EXPERIENCE

Software Engineer
RealtyShares
July 2017 - Present

As a full-stack engineer designed, built and contributed to a number of frontend and backend services:

- Designed, built and refactored components of React-based Web application, integrating them with backend services. Applied functional programming concepts to ensure correct end-to-end data flow. Technologies used: **JavaScript, React, Redux, Redux-Saga, Node.js, Express.**
- Designed and implemented a secured storage service for storing sensitive user data (PII) such as SSN in encrypted format. Provided API integration with other services. Technologies used: **React, Node.js, F#, DynamoDB.**
- Maintained Payments Service and ACH Gateway system. In close collaboration with the external payment provider team implemented from scratch an integration module to enhance the number of supported vendors. Technologies and approaches used: **F#, DynamoDB, SQLite, SQL, CQRS, DDD.**
- Designed and implemented API modules of business logic application using Domain-driven Design and functional programming techniques. Built reliable automated data sync between two databases. Technologies used: **F#, DDD.**
- Implemented backend API queries and commands that enforced business logic and provided required data for different parts of web frontend application such as investor dashboard, invest flow and RealtyShares admin user interface. Technologies used: **C++**.

Full Stack Web Developer
MacroTower
May 2017 - July 2017

Worked as an Engineer 1 in an early stage startup directly with CTO & CEO. Built and enhanced functionality of the software that analyzes, predicts, and clarifies companies' marketing data. Built user-facing React web components to display big amounts of data in the structured format along with the chart views of the data using Highcharts JS framework. Technologies used: **React, Redux, Python, and Flask.**

Web Development Immersive Student
General Assembly
October 2016 - January 2017

Attended Full-time Web Development Immersive program with the emphasis on work-ready skill set. Dived into web development and improved my software engineering skills by building Full Stack Web Applications using technologies and frameworks such as **Node.js, React.js, Angular.js, MongoDB, Express, Ruby on Rails.**

EDUCATION

National Aerospace University - 'Kharkiv Aviation Institute'
September 2012 - June 2015

Field of Study: **Computer Engineering (Faculty of Computer Systems And Networks)**