OLEXANDRA PRODAN
Software Engineer

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SUMMARY

I am a full-stack software engineer with multiple years of experience designing and building web applications. I strive to write clean, scalable, well-tested code. I enjoy working on back-end features as well as front-end.

SKILLS

Front End *(HTML, CSS, jQuery, AJAX, JavaScript, React.js, Redux)*

Back End *(Ruby, Go, Node.js, PostgreSQL, Redis, MongoDB)*

Other Technologies *(RESTful APIs, Git, Docker, Apache Kafka, AWS, JIRA, Quay.io, Travis CI)*

PROFESSIONAL EXPERIENCE

Gametime United, Software Engineer ⬈   May 2019 – 2020 | San Francisco
- Designed and built RESTful API endpoints for various microservices written in Go, Ruby, and Node.js. Wrote tests and documentation.
- Implemented new and enhanced existing UI components and back-end features for services used by vendors as well as millions of users.
- Worked closely with front-end and product teams to spec out engineering requirements for new features.
- Improved legacy code to make it more efficient which helped to reduce monitoring systems alerts.

Chronos, Co-creator ⬈   Aug 2018 – Jan 2019 | Remote
- Co-created and deployed an open-source event capturing framework for greenfield applications built with Node.js, Apache Kafka.
- Created a client-side tracker that automatically captures user events and sends event data to the Chronos API endpoint.
- Set up a back-end infrastructure that sends event data to Apache Kafka and writes it to TimescaleDB and PipelineDB databases.
- Isolated Chronos components using Docker containers to facilitate system configuration for a developer.
- Co-authored case study about Chronos implementation (https://chronos-project.github.io/casestudy.html ⬈)

Freelance | Self Employed, Full-Stack Web Developer   Dec 2015 – Dec 2018 | Chicago
Built full-stack web applications using a wide range of technologies:
- **Airline Routes** (JavaScript, React) A web application that displays major airline routes. Users can filter routes by airline and/or airport. Users also can visualize flight data by clicking on a SVG map.
- **Postit** (Ruby, Ruby on Rails) Reddit-like application that allows users to create, update and delete posts. Users also can comment on posts and vote on posts and comments.

PROJECTS

Chronos, https://chronos-project.github.io/   Aug 2018 – Jan 2019
An easy-to-deploy event capturing framework built with Node.js, Apache Kafka, TimescaleDB, and PipelineDB.

EDUCATION

Software Engineering, Launch School   Dec 2015 – Aug 2018 | Remote
A mastery-based learning school for Software Engineers (https://launchschool.com/employers ⬈).

Web Design and Development, Harper College   Sep 2013 – Apr 2014 | Chicago