YARO VOLVACH

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Summary

Software Engineer with 3 years of experience in full stack development, with a strong focus on JavaScript/React for front-end and Python for back-end programming. I'm dedicated to creating clean, efficient code and user-friendly, reusable designs. Eager to grow, I am currently enhancing my skillset by learning Rust and Solidity.

Technical Skills

Languages: JavaScript, TypeScript, Python, CSS, HTML
Frameworks: Node.js, Express.js, Django, Django REST framework, React, Bootstrap
Databases: SQL, PostgreSQL, MongoDB, Redis, DynamoDB
Developer Tools: Git, Jira, Bitbucket, Docker, VS Code, Visual Studio, PyCharm

Experience

Calystral Games GmbH | Synergy of Serra
Full-Stack Developer
December 2022 – March 2024
Canada, Remote

Synergy of Serra was set to be a free-to-play PC/MacOS deckbuilding trading and collectable card game. It leveraged Polygon blockchain allowing users to trade their cards and other game artifacts in a true peer-to-peer fashion. Although the development has been shut down as of March 2024 due to financial challenges, all card data has been moved onto IPFS for a potential game reboot in the future.

Responsibilities:

- Developed front-end components with React to enable seamless updates to login credentials such as usernames, email addresses, and passwords.
- Incorporated Redux Saga for efficient management of asynchronous events and leveraged AWS services for scalable and secure backend interactions.
- Utilized Javascript to efficiently manage and update NFT metadata in AWS S3, ensuring data integrity and accessibility.
- Created test cases for the Synergy of Serra markets to test various front-end components and custom React hooks using Jest and Chai.
- Set up an automated Discord channel to provide updates from competitive games like Gods Unchained, Splinterlands, Axie Infinity, and others.
- Established a system to block crate purchases from certain countries using IP location checks and notifying users or hiding purchase options if necessary.
- Established a comprehensive POST request validation process to ensure system stability and adherence to protocols, including environment configurations checks, feature management based on system status, and handling maintenance tasks.

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ARTEXGROUP
Software Engineer
January 2021 – November 2022
Ukraine, Kharkiv

ARTEXGROUP is an IT firm that specializes in a full-cycle development of e-commerce platforms. We catered to a diverse clientele base, including local and international businesses and built custom web solutions from conceptualization to deployment.

Responsibilities:

- Developed the backend for an e-commerce website with Python, set up APIs using Django Rest Framework, and used Redis to speed up data retrieval by caching.
- Developed front-end components and custom hooks in React.js for improved application functionality and a more engaging user interface.
- Engineered the server-side logic of a web application using Node.js. Also leveraged Node.js to handle front-end data interactions with a database, optimizing for data transfer and storage.
- Handled CRUD operations in MongoDB and PostgreSQL databases.
- Developed a feature-rich shopping cart, menu, and product catalogue using React.js and Django. Integrated the platform with Stripe.js to facilitate credit card payment processing.
- Utilized Docker containers to reduce dependency conflicts and streamline deployment.

Education

2018 – 2019 *Master of Business Administration* | Sumy State University

2020 – 2021 *Certificate* | Hillel IT School

2023 – *Certificate* | University of Toronto School of Continuing Studies | CS Boot Camp