

Egor Barinov

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SUMMARY

Dedicated Software Developer with a strong background in building and maintaining scalable, efficient and secure solutions. Proficient in back-end, API, database development. Committed to continuous learning and collaboration, I thrive in dynamic environments and am passionate about delivering high-quality software products.

EDUCATION

Saint Petersburg State University Petrozavodsk, Russia
Bachelor of Science in Business Administration, Minor in Finance and Mathematics Aug. 2019 – May 2023

Codecademy, Udemy Bootcamps Charlotte, NC
Python, SQL, Django/Flask, JavaScript/TypeScript Developer Nov. 2023 – Apr. 2024

EXPERIENCE

Junior Python Developer/Contributor Feb. 2023 – Feb. 2024
Goldfinch Charlotte, NC

- Developed a REST API microservice using FastAPI, PostgreSQL to collect and store data from user's accounts
- Developed a full-stack web application using Django, Bootstrap, PostgreSQL and Docker to monitor users wallet assets
- Increased SQL queries efficiency for data retrieval by optimizing query scripts
- Provided a better user experience by implementing linked lists to retrieve data more efficient from data base

Community Manager Aug. 2023 – Jan. 2024
Solana NFT Project Charlotte, NC

- Foster active participation and interaction within the NFT community
- Expand the community through outreach efforts and strategic partnerships to improve the product
- Organize virtual events and meetups to connect with community members

PROJECTS

Trackoff (trackoff.app) | *Python, Django, PostgreSQL, HTML/CSS, JS, Docker* March 2024 – May 2024

- Developed a full-stack web application using Django to monitor cryptocurrency wallet assets in real time
- Built data snapshots functionality using cron jobs to store user's wallet balance change data
- Implemented authentication/authorization for security purposes and better user experience
- Visualized wallet balance change data using PostgreSQL, Chart.js with different data frames

Portfolio Website (ebarinov.com) | *Python, Flask, Bootstrap, REST API, HTML/CSS, JS* Feb. 2024 – Apr. 2024

- Developed a full-stack website using Flask to showcase my experience, projects, skills and resume
- Integrated REST API to display GitHub projects with details
- Created contact form with validation using smtplib to receive form generated emails

Token Account Closer | *TypeScript/JavaScript, express, REST API, HTML/CSS* Jun. 2024

- Built web UI to interact with Solana blockchain token accounts using solanaWeb3 and express frameworks
- Implemented browser wallet extension interaction to connect wallet and sign transactions
- Used asynchronous functions for seamless, more efficient and better user experience

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL (Postgres), HTML, CSS
Frameworks: Django, Flask, Node.js, REST API, FastAPI, Bootstrap, express, Chart.js
Developer Tools: Git, Docker, AWS, Railway, Heroku, DigitalOcean, VS Code, Visual Studio, PyCharm, Postman
Libraries: pandas, NumPy, Matplotlib, solanaWeb3, requests