SOSO PKHAKADZE

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WORK EXPERIENCE

Software Engineer & QA Automation Engineer | Pyrashyut LLC   Jan 2024 - Present

- Developed backend solutions and **RESTful APIs** using **Python** and **JavaScript**, automating business processes with **n8n** and **make**
- Managed automation pipelines executing code from **GitHub** on **AWS Ubuntu servers**, improving deployment efficiency by 90%.
- Designed custom **n8n nodes** to enhance automation workflows, reducing manual intervention by 80%.
- Developed robust backend solutions and **RESTful APIs** supporting business process automation across multiple platforms.
- Optimized **CI/CD pipelines**, reducing release cycle time and enhancing system stability.

QA Engineer | DevsData   Jul 2024 - Present

- Conducted **in-depth QA** for backend functionalities across **Python** and **JavaScript** applications, reviewing code for **over 10 new features every month** and identifying issues early to ensure **100% reliable deployment across all platforms.**
- Tested and debugged **backend processes** and **browser extensions** to confirm seamless integration and operation, identifying issues in **data processing** and **API calls** to improve **system reliability and performance**.
- Developed and implemented **automated test scripts** for backend tasks, **reducing manual testing time by 80%** and enhancing accuracy and efficiency.
- collaborated with the development team on integrating tests into the existing **CI/CD pipeline**.

Software Developer | Blueberry Systems AI   Mar 2023 - Mar 2025

- Spearheaded backend architecture for an **AI-powered platform**, ensuring scalability for a possible number of users.
- Built **RESTful APIs** handling real-time data operations, improving response times by 75%.
- Engineered scalable data pipelines and storage solutions using **PostgreSQL** and **MongoDB,** reducing data processing time by 55%.
- Integrated third-party APIs and external services (**OAuth2**, **payment processors**, AI models) with robust error handling and consistent interface design.

Data Engineer & AI Training Support Specialist | Netex Consulting LLC   Apr 2022 - Aug 2023

- Developed **ETL pipelines** for efficient data transformation and storage in **distributed environments**.
- Designed and implemented backend data processing systems handling **large-scale dataset** management
- Developed **backend monitoring** systems to track data processing efficiency and **resource utilization**.
- Collaborated with **distributed teams** to ensure consistent implementation of data **architecture standards**.

PROJECTS

Job Search (Django - React - RapidAPI):

- **Full-stack job search platform** allowing users to search for **jobs by title and location**, with **100% accuracy** in search filters.
- Integrated with an **external API** and retrieving data from several major platforms.

Image Resizing & Interpolation (Python, Matplotlib):

- Built an **image resizing application** using **bilinear and bicubic interpolation techniques**, without relying on built-in libraries.
- This project showcases **image processing fundamentals** and displays results through **Matplotlib for visualization**, highlighting skills in both algorithmic development and **data visualization**.

Search Products (Django - RapidAPI):

- **Product search web application,** integrating **web scraping API** with Django to pull live data from **2+ e-commerce sites**.
- Implemented **price tracking**, giving users **real-time price updates and insights**.

Weather Forecast (Django):

- Developed a **weather forecast** application that pulls data from the **OpenWeatherMap API**.
- Designed backend functionality, handling **500+ API requests,** and displaying **accurate, location-based weather updates.**

SKILLS

- **Programming & Development:** Python (Django, FastAPI, Pandas, BeautifulSoup, NumPy, OpenCV, Matplotlib), JavaScript (React), HTML, CSS, SQL, C, Java
- **Data Analysis & Visualization:** SQL, Power BI, Tableau, pandas, matplotlib
- **Databases:** MySQL, MariaDB, SQLite, PostgreSQL, MongoDB
- **Automation & DevOps:** n8n, make, HubSpot integration, API Development, CI/CD, AWS (Ubuntu), Docker, Git, GitHub, Postman

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EDUCATION

Bachelor in Computer Science | Kutaisi International University   2022- 2026