Moshik Ziony

Full Stack Software Developer

Experienced Full-Stack Software Developer with over 2 years of expertise in security, automation, and scalable software solutions. Specializing in Python-based development, machine learning, and cloud technologies. Proven track record of delivering high-performance applications with a focus on innovative problem-solving, designing robust systems, and excellent verbal communication skills.

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🗔 chatmates-ai.com

⌂ github.com/MoshikZiyoni

WORK EXPERIENCE

Full Stack Software Developer
RSA Security

01/2023 - Present

Achievements

- Developed a full stack Flask-based monitoring system with microservices, reducing phishing threat response time by 50%.
- Created scalable front end and back end features with Flask, JavaScript, and jQuery, enhancing threat detection accuracy and responsive web design.
- Demonstrated strong problem solving skills in designing and implementing scalable solutions.
- Optimized SQL database queries and implemented robust API integrations for seamless third-party service connections.
- Collaborated with developers using Jira for efficient task management and solution integration, showcasing strong organizational skills and attention to detail.
- Established CI/CD pipelines with Jenkins and Docker, automating tests and deployments, resulting in 40% faster release cycles.

Automation Dev + Senior Fraud Analyst
RSA Security

06/2022 - 01/2023

Achievements

- Engineered Python-based threat detection scripts, reducing manual review time by 30% with 99.9% accuracy.
- Built a real-time monitoring system with WebSocket and Redis caching, implementing a fault-tolerant, high-availability architecture.
- Created browser extensions and a GUI tool, improving analyst efficiency.
- Trained AI models for fraud detection, helping clients proactively counter phishing and malware attacks.

EDUCATION

Python Full Stack Development
John Bryce

04/2022 - 04/2023

Courses

- 545 hours of intensive studies and many additional hours of hands-on coding with the latest web development technologies.

SKILLS

Python · React · Java · Java Script · NodeJS · TypeScript · Express.JS · Git · Docker · Rest API · SSMS · Micro Services · Linux · MongoDB · Pandas · AWS · Automation · Machine learning · Multi-Threading

PERSONAL PROJECTS

ChatMates-AI (01/2024 - Present) ⧉

- Built a platform that helps users improve dating conversations by uploading chat screenshots, using OCR to extract text and AI to generate personalized responses. Utilized problem-solving skills to enhance user interaction and designing capabilities to create a seamless user experience.
- Used: Python, React, OCR, AI (NLP), Django ORM.

Real-Estate Web App ⧉

- Implemented a machine learning model using scikit-learn's Linear Regression algorithm to predict prices. Integrated into the Django framework, allowing users to input relevant features and obtain accurate price predictions.
- Used: Django, sklearn, numpy, matplotlib, seaborn, pandas, geopy, JS, Bootstrap, HTML, CSS, Selenium, Heroku cloud, MySQL.

Dream-Trip ⧉

- Web application with RESTful API.
- Implementing intelligent data splitting across multiple cloud servers.
- Leveraged artificial intelligence to optimize trip planning, delivering the best user experience through full stack development.
- Used: Django, React, PostgreSQL, AWS, Selenium, AI, Multi-Threading, Python, OOP, Microservices, BS4, MUI, Postman.

Shopping Web App ⧉

- Full-Stack Project REST-API that has full authentication with register, showcasing full stack development skills.
- For a customer in Upwork
- Used: Django, React, PostgreSQL, JS, Render, CodePen, Bootstrap, MUI, and Selenium to scrap the data, I connected to GCP to send an email at the end.

LANGUAGES

English
Full Professional Proficiency

Hebrew
Native or Bilingual Proficiency