Rei Bahidi

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Python Developer

Hello! I'm Rei, a master's student in Computer Science driven by an insatiable curiosity for all things tech. My enthusiasm for computer science is matched only by my commitment to developing secure software solutions. Currently, I specialize in Python within the cybersecurity domain, but my technical repertoire extends to JavaScript and Java, where I've developed fairly learning albeit simple projects using Express.js and SpringBoot.

My professional journey over the last eighteen months has been marked by my involvement in dynamic teams at my current workplace. Here, I've thrived on challenges and contributed to impactful projects, such as pioneering together with my current team an open-source intelligence (OSINT) software and crafting a sophisticated tool for vulnerability assessments across various software platforms. In these projects, I've been responsible for creating robust APIs and devising precise data management strategies.

Two of my greatest strengths are my adaptability—swiftly adjusting to diverse work cultures—and my tenacity in problem-solving, ensuring that I deliver results consistently. Looking ahead, I am eager to leverage my skills in a role that demands innovation and offers opportunities for growth in the field of cybersecurity.

WORK EXPERIENCE

CYBEROO • Albania • 01/2023 – Present
Python Developer

- Learned to write readable and well organized code that sticks to the best conventions such as PEP8, specifically in the context of Object Oriented Programming, employing some of the best methodologies and code Design Patterns such as SOLID or DRY as well as Factory or Singleton patterns.
- Learned to interact with NoSQL databases such as Neo4j, ElasticSearch, Redis or CouchDB be it first hand through SQL-like queries or through hand-tailored Python functions.
- Designed and maintained REST APIs according to the best practices, specifically through the FastAPI library.
- Interacted with relatively common projects in the Cybersecurity ecosystem.
- Managed to push my interpersonal skills, considering that I had to interact not only with my surrounding colleagues but also with people from different nationalities, be it physically or through platforms such as Microsoft Teams, thusly expanding my communication and understanding capabilities.
- I learned to understand the Python call stack and follow it properly in order to triangulate and solve different problems and bugs in relation to the projects.

- Widely used git and specifically GitLab for version control and distribution, be it through CI/CD pipelines or through the git interface.
- I interacted with Linux distributions, particularly with Ubuntu to develop the above-mentioned software, as a result getting well acquainted with how Linux environments work.
- Learned and developed Celery based scripts for managing workers and concurrent tasks.

OXA Studio • Tirana, Albania • 11/2021 - 01/2022
Intern Data Analyst

- Interacted with and set up implementations of low-code streaming and high performance data pipelining tools like Apache Kafka and Apache Beam.
- Learned the basics and the general concepts of Python, MongoDB and Docker.
- I wrote data migration and data modeling scripts in Python that interacted with MongoDB.
- I learned what it means to work in an environment that abides to AGILE and SCRUM methodologies.
- Learned the basics of version control systems, namely git.

EDUCATION

Bachelor's degree in Computer Science
Universiteti i Tiranes • 09/2019 - 10/2022

SKILLS

Programming
- API Development
- Back-End Web Development
- Django REST Framework
- FastAPI
- Git
- GitHub
- JavaScript
- MongoDB
- Networking
- Python
- React.js

Languages
- English C2
- French A1
- Italian B2

Sports
- Calisthenics
- Hiking
- Running
- Weightlifting

Preferred literature

- Balzac
- Hemingway

Cinematography

- Akira Kurasawa
- Federico Fellini
- Wong Kar-Wai
- Woody Allen