

Ion Babin

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TECHNICAL SKILLS

I specialize in Python backend development, specifically – **Django Rest Framework** and **FastAPI**, and their associated tech stack (**postgres**, **redis**, **celery**). I have some lesser experience with Java, C++, C#, Javascript (React), PHP (Laravel) and HTML&CSS.

I have a good grasp on Linux and Unix systems

EXPERIENCE

June 2022 – November 2022: Python internship at EBS Integrator

- Among other things, built a service that integrates between the Gitlab and Teamwork APIs to automatically change task statuses based on Merge Request statuses (similar to the *Linear* github integration)

November 2022 – present: Python backend developer at EBS Integrator

- *Internet provider service* – Implemented and successfully shipped 4 new web scrapers for Norwegian internet service provider websites using **BeautifulSoup**, **requests** and **aiohttp**
- *Content Management System* – Wrote the backend functionality for a new *forms* module of a CMS system using **Django** and **MongoDB**
- *Tax return service* – Implemented a document recognition system using **PaddleOCR** and **Tesseract** that performed similarly to, and sometimes outperformed similar paid services
- *Call identifier app* – As the lead backend developer, maintained and optimized the existing Django backend functionality of a popular mobile call identifier app. Implemented an entire new module, as well as advanced caching and throttling mechanisms using **redis**
- *Helpdesk app* – Led the development of a new integration with a Google service for a popular company offering helpdesk products using **FastAPI**, asynchronous Python (**asyncio**), **RabbitMQ** and **Celery**
- *Bank app* – Designed and led the development of the backend for a popular bank's website, that simplifies the process of granting and receiving loans, while, at the same time integrating deeply with back-office tools to allow lead tracking and management

Other experience

- Team I was part of won 2nd place at the 2022 UTM CTF
- Won 4th place at the 2023 UTM CTF

EDUCATION

- **High school degree: 2020–(expected) 2024** at Center of Excellence in Informatics and Informational Technologies (Programming course).