

Miloš Petković

+381 64 1166283 **Software Engineer** hello@klined.org

Experience

Freelance Software Engineer & Consultant, Self-employed Aug 2020 – Present

Freelance Software Engineer, ACP Software Solutions – Remote Mar 2021 – Present

- Engineered an AWS-based data processing pipeline, handling tens of terabytes of publicly available US Hospital Price Transparency data in JSON format
- Developed a tailored CRM for an ATM installation & servicing company, streamlining employee work orders and travel routes, and ensuring legal compliance
- Technologies: Django, PostgreSQL, MySQL, DynamoDB, AWS, Google Maps, GCP, Docker, Grafana

Freelance Software Engineer, Conductive.ai – Remote Jan 2022 – Sept 2022

- Rewrote an engine for reconciling Ethereum blockchain data with internal analytics, improving its performance by over 50%, and significantly reducing overall operational costs
- Setup and standardized error reporting and monitoring across all Python codebases
- Created a testing framework used by several projects, significantly reducing required effort for test development, leading to increase in code coverage by 20% shortly after
- Implemented data processing pipeline for several data sources based on Apache Airflow
- Technologies: FastAPI, PostgreSQL, BigQuery, GCP, EVM, Apache Airflow, pytest

Freelance Software Engineer, Keyword Zebra / KeywordSpy – Remote Feb 2022 – Dec 2022

- Developed the MVP for investor evaluation, then designed the system architecture for the full product once the funding was approved
- Created deployment procedures for the development team
- Implemented distributed data computation, massively improving user-experienced loading times, and increasing scalability of the application
- Technologies: Django, Celery, PostgreSQL, Docker, Stripe

Freelance Software Developer, Gordian Software – Remote Oct 2020 – Nov 2021

- Implemented several GDS airline integrations
- Implemented multiple pypeteer-based data sources conforming to internal APIs
- Technologies: Flask, PostgreSQL, pypeteer, Docker

Software Engineer, TradeCore – Hybrid – Belgrade, Serbia Jan 2018 – Mar 2020

- Implemented and maintained lot of 3rd party integrations, incl. payment gateways, trading platforms and KYC providers
- Onboarded several new clients, with custom feature development and data migrations from old CRMs to live multi-tenant environments
- Improved release & deployment process, resulting in more stable deploys and less regressions
- Technologies: Django, DRF, PostgreSQL, MongoDB, Celery, RabbitMQ, Elasticsearch, Datadog, Git

Projects

AIESEC in Serbia 2014 – 2017

- Organized logistics for projects in areas of foreign language teaching, entrepreneurial courses for elementary and high schools and their over five thousand participating students, with over a hundred exchange students from 12 different countries from Europe, Asia, Africa and South America
- Led logistics and finance teams for the AIESEC Serbia's National Conference, a five-day event with 320 participants, where I created a Django app for participant applications and invoicing, and we achieved 6% positive budget variance

Education

Electrotechnical school "Nikola Tesla" Niš, Serbia – Computer Science 2010 – 2014

Skills

Languages and Frameworks: Python, Django, FastAPI, Flask, Node.js, Express, JavaScript, HTML, CSS

Hobbies: 3D modelling & printing, woodworking - CNC and handmade, IoT/Smart Home