




PANAGIOTIS PAVLIDIS


SENIOR SOFTWARE ENGINEER

CONTACT

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SKILLS

Languages: Python, Javascript, PHP, C, Go, SQL

Frameworks/libs: Django, FastAPI, Celery, asyncio, Laravel

Databases/messaging: PostgreSQL, MySQL, Redis, ElasticSearch, RabbitMQ, SQS

Devops/Cloud: Linux administration, Shell scripting, Docker/Docker Swarm, AWS, Gitlab CI, CircleCI, Ansible, Terraform, CloudFormation

Miscellaneous: Git, Software Design Patterns, Object-Oriented Design, REST, Test Driven Development, MVC, Software Project Management, Agile Methodologies, Team Leadership

EDUCATION

Bachelor of Science (BSc) in Computer Science and Telecommunications

National and Kapodistrian University of Athens

2007-2013

Degree with a specialization on computation systems and applications.

PROFILE

Senior Software Engineer with 11 years of experience in building and deploying web applications, specializing in backend and server-side technologies. Proficient in Python, Javascript/Node.js, and PHP, with extensive experience in both relational and non-relational databases. Possesses strong DevOps skills and a proven ability to lead development teams. Passionate about technology and leveraging it to drive business growth and improve performance.

WORK EXPERIENCE

Elementary Robotics Aug 2022 - Jun 2024 · 1yr 10mos · California (Remote)

Senior Software Engineer

- Developed backend services and cloud infrastructure for an AI-enabled automated quality assurance platform for manufacturing.
- Optimized data ingestion pipelines, increasing throughput by up to 50%.
- Optimized APIs and underlying analytics tables (billions of rows), thus providing application stability and good user experience.
- Implemented rigorous load and stress testing that enabled discovery of inefficiencies and memory leaks, leading to better system performance and scalability.
- Leveraged AWS to achieve better service resilience and high availability.
- Automated and streamlined workflows for the machine learning team, improving productivity and efficiency.

Tech stack: Python (Django, FastAPI, asyncio, Celery), PostgreSQL, Redis, Docker, CircleCI, AWS, Terraform.

Sidebar

Oct 2020 - Jul 2022 · 1yr 10mos · Athens (Remote)

Senior Software Engineer

- Spearheaded backend development of agones.gr, a top-5 sports site in Greece, focused on live scores, statistics, match analysis, odds comparison, and community engagement.
- Implemented transition to a new data provider with the old one as a hot-standby, ensuring platform resilience.
- Engineered a real-time push update system, reducing stats/scores update latency by 90%.
- Advocated for and introduced best practices, collaborated closely with co-founders to establish processes & culture (agile, planning, devops, CI/CD, code linting, code reviews).

Tech stack: Python, asyncio, PHP, Javascript, MySQL, Redis, React, AWS, Linux servers.

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LANGUAGES

English

French

Greek

MISCELLANEOUS

- Fulfilled military obligations

Douleutaras/YourHero

Sep 2016 - Oct 2020 · 4yrs 1mo · Athens

Contributed in building and scaling Greece's leading online marketplace for home services. Laid technical foundations for international expansion. Tech stack: Python, Django, Celery, PostgreSQL, Elasticsearch, Docker/Docker Swarm, Gitlab CI, AWS, DigitalOcean.

Lead Software Engineer

Mar 2019 - Oct 2020

- Designed and architected major features.
- Led sprint planning meetings, collaborated closely with the Product team, while overseeing a full-stack agile team of up to 9 engineers and securing business continuity.
- Optimized platform performance and managed cloud infrastructure.
- Managed releases, ensuring seamless production deployments and platform stability.
- Implemented and expanded DevOps practices, such as CI/CD, services containerization, and introduced observability solutions, increasing overall platform health and minimizing downtimes.

Software Engineer

Sep 2016 - Mar 2019

- Developed new features and backend subsystems for customer, service provider, and internal admin interfaces.
- Conducted unit and integration testing, ensured high quality through peer code reviews
- Managed occasional production deployments and provided leadership within the development team.
- Contributed to the analysis, estimation, and prioritization of upcoming projects, supporting agile development practices.

Sidebar

Feb 2013 - Sep 2016 · 3yrs 7mos · Athens

Software Engineer

- Developed a social media monitoring application that collects and indexes posts from all Greek social media public profiles/pages and news sites in real time.
 - Worked on the backbone of distributed data storage and search engine systems, multi-source data collection and processing pipelines.
 - Optimized and scaled infrastructure, enhancing the platform's performance and reliability.
 - Developed features for the end-user web application.
 - Tech stack: Python, PHP/Laravel, JavaScript, Riak, Sphinx Search, MySQL, Redis.
- Developed an online blind-dating web app that matches users based on distance, preferences, and interests, allowing anonymous chatting.
 - Conducted unit and integration testing for the event-driven components.
 - Developed various features to enhance user experience.
 - Tech Stack: Node.js, socket.io, PHP/Laravel, MySQL, Redis