





# PANAGIOTIS PAVLIDIS

## SENIOR SOFTWARE ENGINEER

### CONTACT

 +30 6939663075  
 panpavlid@gmail.com  
 www.linkedin.com/in/panpavlidis  
 4 Achilleos str., Irakleio Athens,  
14121 Greece

### 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

#### Senior Software Engineer

##### Elementary Robotics

AUG 2022 - JUN 2024, CALIFORNIA (REMOTE)

- 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.

#### Senior Software Engineer

##### Sidebar

OCT 2020 - JUL 2022, ATHENS (REMOTE)

- 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.

#### Douleutaras/YourHero

SEP 2016 - OCT 2020, 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.

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### LANGUAGES

English

French

Greek

### MISCELLANEOUS

- Fulfilled military obligations

### WORK EXPERIENCE

#### 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 5-8 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.

#### Technical Consultant

##### NetSteps

OCT 2016 - JAN 2018, ATHENS

- Collaborated on an ad-hoc basis to support the company's acquisition of a social media monitoring platform, ensuring a smooth integration.
- Provided training and guidance to in-house developers; troubleshooted backend platform and infrastructure; advised on new features, and optimisations; offered strategic technical direction for future development and upgrades.

#### Software Engineer

##### Sidebar

FEB 2013 - SEP 2016, ATHENS

- 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