

Hiring software engineer as easy as calling a taxi.

Aris Tzollas

Senior Software Engineer

SUMMARY

Passionate Senior Software Engineer with 7 years of experience excels in building complex web applications leveraging mastery in languages such as JavaScript, TypeScript, C#, Go, and Python. Renowned for architecting a legal SaaS platform yielding a 40% operational efficiency boost and pioneering AI-powered chatbot integration, showcasing a 30% reduction in case handling efforts. Adept in cloud services (AWS, Azure, GCP), microservices, and CI/CD with an Agile mindset, drives collaboration and continuous improvement. Holds a solid foundation with a Bachelor's degree in Computer Science from NTUA, cementing technical prowess in the software industry through contributions to large-scale projects that enhance user experiences, performance, and reliability.

SKILLS

Main Technical Skills	TypeScript, C/C++/C#, Go, Python, Node.js
Programming Languages	Go, Java, PHP, Python, Ruby, TypeScript
JavaScript Frameworks	Angular, Node.js, React, Vue.js
C++ Libraries and Tools	C/C++/C#
Java Frameworks	Spring Boot
Databases & Management Systems / ORM	MongoDB, MySQL, Neo4j, Redis
Cloud Platforms, Services & Computing	GCP
Deployment, CI/CD & Administration	Ansible, Jenkins
QA, Test Automation, Security	Cypress, Selenium
Version Control	Github Actions
SDK / API and Integrations	GraphQL, JWT, OAuth, RESTful API

Mail / Network Protocols / Data transfer	GRPC, JWT, WebSockets
Message/Queue/Task Brokers	Kafka, RabbitMQ
Virtualization, Containers and Orchestration	Terraform

WORK EXPERIENCE

Senior Software Engineer, Law Practice AI

Duration: SEP 2023 - Current

Summary: Architected a legal SaaS platform, engineered an event-driven microservice architecture, developed an AI-powered chatbot, optimized database performance, led the migration of a monolithic service to microservices, deployed multi-tenant cloud infrastructure, integrated a document classification system, designed RESTful APIs, enhanced security, automated deployment workflows, managed API Gateway integrations, implemented observability practices, and developed automated testing suites.

Responsibilities: Core contributor to architecting and developing the platform, optimizing performance, ensuring high availability, scalability, and security, and leading migrations and deployments.

Technologies: ASP.NET Core, Node.js, WebSocket, PostgreSQL, RabbitMQ, Azure Cognitive Services, Azure Kubernetes Service, OAuth 2.0, JWT, Azure Active Directory, GitHub Actions, Kong, Grafana, ELK Stack, Selenium, Cypress

Full Stack Developer, Discord Inc.

Duration: JUL 2022 - MAR 2023

Summary:

- Developed backend services for Discord to support millions of users, migrated RESTful APIs to gRPC, designed a high-performance caching system, built a Neo4j-based social graph, integrated OAuth 2
- 0, implemented real-time event streaming, collaborated on data processing pipelines, automated data processing workflows, enhanced user engagement with new frontend features

Responsibilities: Involved in backend development, API migration and optimization, database and caching solution design, real-time event handling, data processing enhancements, and frontend feature development.

Technologies: Node.js, Go, Redis, Neo4j, OAuth 2.0, Apache Kafka, AWS S3, DynamoDB, Python, React

Senior Backend Developer, In-House Projects

Duration: FEB 2020 - MAY 2022

Summary: Designed a real-time monitoring and alerting system, developed a job scheduling



system, implemented Kubernetes-based autoscaling, maintained a CI/CD pipeline, built RESTful APIs, optimized cloud costs through serverless migrations, enhanced multi-cloud compatibility, secured data pipelines, built distributed caching mechanisms, integrated RBAC, developed a data pipeline, led the migration to a microservices architecture, designed and optimized databases, implemented observability practices, and developed automated test suites.

Responsibilities: Handled backend software design, development and optimization, CI/CD pipeline maintenance, cloud resource management and cost optimization, data security and encryption, microservices migration and database optimization.

Technologies: Kafka, Redis, Golang, Horizontal Pod Autoscaler, Cluster Autoscaler, Jenkins, GitHub Actions, ArgoCD, Java Spring Boot, Azure Functions, AWS Lambda, Terraform, Ansible, Azure Key Vault, AWS KMS, Redis, Memcached, Apache Spark, Delta Lake, Python, Node.js, .NET, MongoDB, Cassandra, DynamoDB, MySQL, Prometheus, Grafana, ELK Stack, xUnit, NUnit, PyTest, Mocha, Jest

Junior Software Engineer, Various Web Applications

Duration: SEP 2018 - JAN 2020

Summary: Developed full-stack web applications, built a real-time customer feedback system, integrated payment gateways, contributed to logistics tracking system development, implemented RESTful APIs, and participated in database migrations and optimizations.

Responsibilities: Focused on full-stack application development, payment integration, logistics tracking systems, API development, and database migrations.

Technologies: PHP, Java, AngularJS, Stripe, PayPal, RESTful APIs, MySQL, PostgreSQL

EDUCATION

- **Bachelor's degree in Computer Science**

Sep 2014 - May 2018