Emmanouil Pappas

software engineer

Contact

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Languages

Greek: mother tongue
English: advanced

Skills

Languages: JavaScript (ES2020), TypeScript, Python, Groovy, Bash
Back-End: NodeJS, Express, Restify, GraphQL/Apollo
Front-end: React, Redux, GraphQL/Apollo, Styled Components
Testing: Jest, Cypress, Enzyme, Mocha, Sinon, Chai, Pytest, SipP, Gatling, BDD (Gherkin, Cucumber)
Monitoring: ELK Stack, FileBeat, Grafana
Infrastructure: Docker, Terraform, nginx, AWS*
AWS: Lambda, API Gateway, S3, Cloudfront, IAM, Cognito, Amplify, DynamoDB, DocumentDB, RDS, Route53, SES, CloudWatch
Other: Agile Facilitator, Project management, Culture focused, Creative thinker, Enthusiastic team spirit

Interests

running, triathlon
basketball
cooking
jazz music
books
traveling

Ambitious problem solver, **passionate** about Web technologies, thorough and well rounded, **user-experience** focused, **enthusiastic** keen on **delivering** within a dynamic team and ready to **embrace** challenges

Work experience

NodeJS Backend Developer *Vonage (Nexmo)* London, UK | Dec 2016–Present
- Worked with NodeJS, Python, Scala, Go, Groovy in various projects
- Built Communication (REST) APIs for Voice and Video RTC
- Optimized infrastructure sizing and scaling by performing loadtests to allow faster onboarding of new customers
- Helped team meet high quality standards. One of the main contributor on the way to achieve 99% coverage
- Created a suite of 50+ smoke tests covering multi DC scenarios for services
- Worked on 5+ Healthcheck pipelines with Jenkins, smoke, E2E, stress and load tests using Python, Groovy, Pytest, SipP, Gatling, Gherkin and Cucumber, ensuring their stability
- Improved the way core services been promoted as defaults on pre-production test environments by automating the process including testing
- Optimized logging to improve readability, reduce noise and disk space used
- Developed monitoring and alerting system using dashboards with metrics from over 2000 tests including E2E test suites, regression, smoke and stress tests using ELK Stack and Grafana
- Cross-team collaboration including designing, developing, automating and deploying
- Organised events for engineers with tasks including creating the agenda with tech talks and team projects updates, hosting the event, interviewing-welcoming new joiners and catering

Freelancer Web Developer Heraklion, Crete/Greece | Dec2012–Nov2016
- Developed and maintained numerous e-commerce and business presentation websites
- Worked close to designers to design each individual project I was responsible for along
- Implemented secure payment gateway integration for various projects
- Integrated ERP and CRM systems with e-commerce projects

Education

Master of Informatics Engineering Heraklion, Crete/Greece | Jun 2016
Department of Applied Informatics & Multimedia, Technological Educational Institute of Crete

Bachelor of Informatics Engineering Heraklion, Crete/Greece | Sep 2012
Department of Applied Informatics & Multimedia, Technological Educational Institute of Crete

Extra curricular activities

Web Developer (charity volunteer) *Giatousallous.org* Athens, Greece | Aug 2020–Dec 2020
- Designed and developed from scratch organisation's web app
- Implemented secure payment gateways integration with bank
- Integrated web app with CRM to collect information of volunteers and donations data using AWS Lambda functions
- Organised and trained volunteers
- Remain as a volunteering at the organisation being responsible their digital presence

Tour Director at EF (Educational First) *EF Ultimate Break* Athens, Greece | May2016–Jul2016
- Completed a 35 days tour around Europe leading a group of 25 people
- Organising fun and educational content
- Generate interest in cultural exchange by drawing connections and promoting tolerance

Team Kanban Practitioner (TKP) *Lean Kanban University* London, UK | Jun 2017
Completed training on Business Agility and Kanban including improved collaboration and team kanban concepts

Udacity & Udemy Courses London, UK | Online Tutorials
Full Stack Developer Nanodegree, AWS Certified Solutions Architect, Docker, GraphQL with React, NodeJS Advanced Concepts