Francesco Allara

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Profile

A experienced software developer skilled in both backend and frontend development, complemented by extensive expertise in Linux system administration. Demonstrated proficiency in actively participating in code reviews and scrum ceremonies, showcasing a commitment to ensuring system correctness through meticulous automated testing practices.

Experience

SENIOR SOFTWARE ENGINEER, JOBSSCANNER.CO, REMOTE – 2022 -

● Developed a Rust scraper to retrieve job advertisements from diverse online platforms.

● Engineered a GoLang API to seamlessly deliver job data to the frontend.

● Created the frontend website utilizing Next.JS, ensuring a user-friendly interface.

● Established robust hosting infrastructure and streamlined CI/CD pipelines using GitLab actions, Ansible, and Docker.

● Engineered the persistence layer with Postgres for effective data management.

● Implemented a search server using Meilisearch to enhance search functionality.

SENIOR SOFTWARE ENGINEER, BUDGETTHUIS BV, AMSTERDAM – 2021 - 2022

● Engaged in a contractual role to uphold and enhance an existing PHP/Symfony 4 application.

● Contributed to the design of a contentful-based new backend system.

● Collaborated in the conceptualization and design of a new frontend site using Next.js.

● Actively participated in an Agile/Scrum/Kanban team, ensuring seamless workflow and project management.

● Spearheaded the implementation of an A/B test framework, incorporating tests from multiple services.

● Provided valuable insights and assistance in conducting thorough code reviews.

● Ensured application reliance through implementation of automated unit, functional and integration tests

SENIOR SOFTWARE ENGINEER, VIRTUAGYM BV, AMSTERDAM – 2021- 2022

- Assisted in the maintenance of a vanilla PHP application.

- Appointed to lead the design and implementation of a greenfield PHP/Symfony backend; however, the project was discontinued due to gym closures amid the COVID-19 pandemic.

- Collaborated within an Agile/Scrum/Kanban team, ensuring effective project management and workflow.

- Provided support in conducting comprehensive code reviews.

- Played a pivotal role in the maintenance and integration of AWS services, including SQS, EBS, ECS, and AuroraDB.

- Successfully implemented a gym check-in system utilizing Kafka technology.

SENIOR SOFTWARE ENGINEER, TAPFILIATE BV, AMSTERDAM - 2019 - 2021

- Enhanced unit testability by refactoring a PHP/Symfony application.

- Successfully upgraded a PHP/Symfony 3.4 application to PHP/Symfony 4.4.

- Implemented the containerization of services to optimize infrastructure.

- Ensured application reliance through implementation of automated unit, functional and integration tests

- Accelerated and enhanced end-to-end testing by decoupling the React frontend from the Symfony backend.

- Deployed Infrastructure as Code scripts through the CDK (Cloud Development Kit).

- Collaborated within an Agile/Scrum/Kanban team, contributing to seamless project management.

- Provided valuable insights through code reviews, fostering code quality and best practices.

- Designed ElasticSearch indexes to enhance and expedite search functionality.

- Played a key role in the maintenance and adoption of AWS services, including SQS, EBS, ECS, and AuroraDB.

- Implemented asynchronous jobs utilizing AMQ (Advanced Message Queuing).

- Ensured cross-teams communication through the establishment of a DDD ubiquitous language, bounded contexts and domains

SENIOR SOFTWARE ENGINEER, BBC, LONDON – 2018 - 2019

- Provided support in maintaining the PHP/Symfony 4 backend.

- Contributed to the upkeep of the ReactJS frontend.

- Authored Selenium end-to-end tests to ensure robust application functionality.

- Assisted in the management of AWS services, fostering optimal operational performance.

- Ensured application reliance through implementation of automated unit, functional and integration tests

- Collaborated within an Agile/Scrum/Kanban team, ensuring efficient project coordination.

- Played a role in the ongoing maintenance and adoption of AWS services such as SQS, EBS, ECS, and AuroraDB.

- Implemented asynchronous jobs utilizing AMQ (Advanced Message Queuing) for improved system responsiveness.

- Engaged with Service-Oriented Architecture, contributing to a modular and scalable software design.

- Ensured cross-teams communication through the establishment of a DDD ubiquitous language, bounded contexts and domains

SENIOR SOFTWARE ENGINEER, BROWSER LONDON LTD, LONDON , 2017 - 2023

- Ensured cross-teams communication through the establishment of a DDD ubiquitous language, bounded contexts and domains

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- Provided support in maintaining the PHP/Symfony 4 backend.

- Contributed to the upkeep of the ReactJS frontend.

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- Played a role in the ongoing maintenance and adoption of AWS services such as SQS, EBS, ECS, and AuroraDB.

- Implemented asynchronous jobs utilizing AMQ (Advanced Message Queuing) for improved system responsiveness.

- Engaged with Service-Oriented Architecture, contributing to a modular and scalable software design.

SENIOR SOFTWARE ENGINEER, WAYFAIR GMBH, BERLIN, 2016 - 2017

- Assisted in the maintenance of a PHP vanilla backend system.

- Collaborated on projects involving a SQL Server database.

- Played a key role in refactoring the backend to implement Dependency Injection (DI) with PHPDI, enhancing unit testing capabilities.

- Conducted presentations on unit testing and SOLID principles.
- Provided support in maintaining a vanilla JavaScript frontend.
- Engaged in collaborative efforts within an Agile/Scrum/Kanban team for effective project management.
- Contributed to the ongoing maintenance and adoption of AWS services, including SQS, EBS, ECS, and AuroraDB.
- Successfully implemented 3DS (3D Secure) payments checks for enhanced transaction security.

SOFTWARE ENGINEER, HOSTELWORLD LTD, LONDON, 2015 - 2016

- Assisted in the maintenance of a PHP/Symfony application.
- Contributed to comprehensive code reviews, ensuring code quality and adherence to best practices.
- Collaborated within an Agile/Scrum/Kanban team, fostering effective project management and collaboration.
- Played a role in the ongoing maintenance and adoption of AWS services, including SQS, EBS, ECS, and AuroraDB.
- Engaged in projects involving the implementation and optimization of Service-Oriented Architecture.
- Ensured cross-teams communication through the establishment of a DDD ubiquitous language, bounded contexts and domains

SOFTWARE ENGINEER, METROPOLIS INTERNATIONAL GROUP, LONDON, 2014 - 2015

● Contributed to the development of WordPress plugins.

● Collaborated within an Agile/Scrum/Kanban team, ensuring efficient project management.

● Provided support in the maintenance and adoption of AWS services, including SQS, EBS, ECS, and AuroraDB.

SOFTWARE ENGINEER, TIME INC UK, LONDON, 2013

● Contributed to the development of WordPress plugins.

● Collaborated within an Agile/Scrum/Kanban team, ensuring efficient project management.

● Provided support in the maintenance and adoption of AWS services, including SQS, EBS, ECS, and AuroraDB.

SOFTWARE ENGINEER, LTC ITALIA SRL, NAPLES, 2013

● Developed a C# ASP.Net WebAPI web service to manage slot machines

SOFTWARE ENGINEER, COMPART MULTIMEDIA SRL, ROME, 2010 - 2012

● Developed Objective-C iOS application for Vatican Museums Tour

● Developed Objective-C iOS application for Smart Parking Reminder

● Developed Objective-C iOS application for Mercedes Benz SLK configurator

● Developed multiple WordPress based websites for various clients, such as Daimler Italia, Mitsubishi

SOFTWARE ENGINEER, THE FOOL SRL, MILAN, 2009

● Developed a PHP/CodeIgniter web site to sell used clothes user-to-user, https://suitofthecity.it

SOFTWARE ENGINEER, HOMEEXCHANGE.COM, REMOTE, 2007 - 2009

● Developed to the Vanilla PHP application helping people exchange houses for holidays