LUCA SOMMELLA

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WEBSITES, PORTFOLIOS, PROFILES

- lucasommella.eu

PROFESSIONAL SUMMARY

I am a dedicated Cloud Engineer with a strong background in designing and developing software applications. My expertise extends to Cloud-native development, CI/CD processes, and Site Reliability Engineering (SRE) practices, making me a valuable asset in the technology field.

I possess extensive experience in microservices architecture, encompassing both back-end and front-end development, and I excel in testing software to ensure high quality. I am proficient in programming languages like Java and TypeScript, and I am well-versed in various tools such as JUnit, Jenkins, Spinnaker, and Kubernetes for automating builds, managing pipelines, and orchestrating deployments.

My familiarity with SCRUM Agile methodology includes working as a Scrum Master, facilitating effective communication between technical and non-technical teams. My passion for technology drives me to continually update and enhance my skills to keep pace with the rapidly evolving industry.

My skill set extends to computer maintenance, hardware component assembly/replacement, and troubleshooting, providing me with a comprehensive understanding of technology. I am recognized for delivering innovative and efficient software solutions.

I am enthusiastic about the opportunity to tackle challenging projects and collaborate with talented individuals to create exceptional software applications.

SKILLS

- Spring
- Apache Kafka
- GWT
- Hlibernate
- Angular
- Jenkins
- Spinnaker

- Kubernetes
- Bamboo
- Azure
- Cloud Architecture Design
- Cloud Computing
- Incident Response

WORK HISTORY

Cloud Engineer, 02/2020 - Current

Walgreens Alliance Boots – Naples

- Manage Azure Resource Group.
- Implement ARM Template for PaaS.
- Implementation of Pester Tests.
- Identification of security requirements with the Security Architects.
- Gathering requirements for use cases.
- Providing technical support to other product lines.
- Design High Availability and Disaster Recovery.
- Design Centralized Monitoring as code infrastructure for WBA.

Platform Software Engineer, 04/2018 - 12/2021
Walgreens Alliance Boots – Naples
POM Platform:

I worked as a software engineer on the Rx Renewal project for Walgreens Alliance Boots, focusing on the management software for the American pharmacy chain. My responsibilities included:

- Designing software applications for order and patient management, known as Purchase Order Management (POM).
- Developing new software features and optimizing code for existing processes and applications within a Microservices Architecture.
- Working on both back-end and front-end development using Java (1.8) and TypeScript (Angular 7).
- Ensuring the software's correctness and efficiency through JUnit testing.
- Addressing bug fixes and providing hotfixes and support.
- Implementing the software to meet project requirements.
- Creating technical documentation for the software.
- Providing training to non-technical staff on software usage.
- Utilizing CI/CD tools such as Jenkins for automatic build jobs, Spinnaker for pipeline management and manual deployments, and Kubernetes for managing Pods and replicas.
- Using collaboration tools like Jira, Confluence, and Bitbucket.
- Following the SCRUM Agile methodology.

CFS Platform:

I was involved in the development of generic microservices to support other platforms within the Rx project. My work included:

- Managing real-time notifications using technologies like Spring WebFlux, SSE, Kafka, and Redis.
- Creating a configuration management system for both desktop and mobile devices.
- Implementing a login system.
- Developing a web application for team members' administration.
- Maintaining UIkit based on MaterialUI.
- Configuring authentication systems through Kerberos microservices.
- Briefly serving as a Scrum Master.

Software Engineer, 02/2017 - 12/2018

The Software Factory

Piazza Italia project:

- Design E-Commerce for "piazza italia" which is clothing store chain.
- Design software for order and customer management through the use of a CMS.
- Layout customization and content editing.
- Support on site
- Development of a Near-Push notification system for sending offers and promotions to customers.

Java Software Developer, 05/2016 - 02/2017

Majorbit

Development of the "Business management" application. Lending itself like a management application, allows you to manage, through the web, employee roles, implementing all standards functions management. (CRUD).

EDUCATION

Bachelor of Science: Computer Science, 2023

Università Degli Studi La Parthenope - Naples

- [Cloud developer], [Microsoft Student Partnership]

High School Diploma: 2012

Itis A.volta - Naples

- Completed Coursework: [Telecom internship], [2012]
- Completed Coursework: [Cisco Certification CCNA], [2011]

CERTIFICATIONS

- Microsoft AZ 900
- Microsoft AZ 104
- Microsoft AZ 400
- CISCO IT ESSENTIALS
- CISCO CCNA
- CompoTIA Network +
- CompTIA Security +