Ana Karoline Romeiro

Software Engineer

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Personal Profile

A MSc graduate in Computing with emphasis on Artificial Intelligence, plus over 10 years of experience both in developing IT projects from scratch to deployment and in maintaining applications already in production.

Experience in a variety of industries of different sizes and shares, working mainly with Java, but also having minor experience with Angular/AngularJS and NodeJS, besides academic and self-taught experience with Python. Always keen to be collaborative with stakeholders and to meet goals and expectations, mainly throughout an agile approach, and by seeking efficiency improvement by pursuing high standards and by keeping up to date with new technologies, frameworks and processes.

Core Skills

- Java, AngularJS, Angular, Python
- SQL (Oracle, MySQL, Postgres)
- Hibernate, Spring MVC, JSF

- Maven, Git, Junit, Jenkins
- ActiveMQ, Kafka, Docker, MongoDB
- Agile, Scrum

Career Summary

Software Engineer, Neueda Technologies Ireland – Apr/2019 - present – Athlone, Ireland.

Neueda provides software development services for global telecommunications and financial sectors.

- Maintaining and developing modules, improvements and new requirements for a Cloud Orchestrator product from Ericsson. The software enables automation of infrastructure even for new cases as 5G and IoT.
- Perform continuous analysis to build industrial & cloud-based systems and solution in consultation with external and internal partners.
- Designing, develop and test high quality products using Java 8, Spring, ActiveMQ, PostgreSQL. Also work an analysis and solving bottleneck in the process of software development.
- Plan and design the system architecture. Responsible for code implementation of sub modules.
- Be part of the full life-cycle development phases that includes solution design, development, unit testing, integration, and acceptance testing support.
- Be exposed to a complex architecture working with a global team where we promote innovation and encourage people to come up with new ideas and transform them into the future of our solution.
- Additional roles as Security Master and owner of components.

System Analyst/Full-Stack Developer, Alis Soluções em Engenharia e Sistemas –
Jan/2017 - Jan/2019– Rio de Janeiro, Brazil.

ALIS is specialized in engineering services and computer systems, focused in scientific applications and technological innovation. It's a Tecgraf branch, my previous employer.

- Develop a portal for a healthcare industry, to improve patient engagement, by allowing users visualizing exams and reports online, providing more than 100.000 exams in the first year.
- Work on solving high-complex problems on matters of HIS integrations, allowing the absorption of news units data to the company portal, integrating more than 35 hospitals in four different states of the country.

- Participate in definition and implementation of a new standard for company's new clinical repository, establishing FHIR as standard and reference implementation HAPIFHIR.

- Interview clients, analyze their needs and follow best practices of task quality and allocation, using agile software development approach, particularly Scrum.

- Apply Spring MVC on back-end development through Java to provide RESTful Web Services, using Oracle as database. For front-end, develop a responsive AngularJS SPA to give the best experience to users. Use tools as Kafka for Pub/Sub system and Mirth as integration engine.

System Analyst/Full-Stack Developer, Tecgraf/PUC – May/2015 – Jan/2017 **–** Rio de Janeiro, Brazil.

The Tecgraf stands out in the national and international scenario by developing innovations on computer systems. These innovations are based, predominantly, on researches conducted in partnership with the Academic Departments of PUC-Rio.

- Maintained and developed modules to a web application for management of geophysics workflow in oil and gas projects, using Java, JPA/Hibernate, JSF (Icefaces/Primefaces) as language and frameworks, Oracle as database and WebLogic as web server.
- Analyzed, designed and developed a web application for a tool presentation and commercialization, known as FTool, used in engineering area.
- Built RESTful API by using Spring MVC/Security, Hibernate and MySQL database for FTool back-end development, as well as AngularJS for FTool front-end development. Configured and developed payment integration with PayPal through API.

PREVIOUS EXPERIENCES

- **System Analyst/Back-end Developer**, **Globalweb Outsourcing** - *2014 - 2015* – Rio de Janeiro, Brazil.
- **System Analyst/Full-Stack Developer, ADDLabs/UFF** – mar/2011 – apr/2014 – Rio de Janeiro, Brazil.
- **Developer/Technical support, Eptus Automação Comercial** - *2008 - 2011* – Mato Grosso, Brazil.

EDUCATION

2016 **M.Sc. in Computer Science,** Universidade Federal Fluminense, UFF

2010 **B.Sc. in Computer Science,** Universidade Federal de Mato Grosso, UFMT

LANGUAGES

English - Advanced

Portuguese - Native