André Gonçalves

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SUMMARY

Software Engineer with experience in employing Java, MongoDB, Docker, Jenkins and Azure Kubernetes Service (AKS) to create and deploy RESTful APIs and backend microservices, as well as React and JavaScript for dynamic frontend views, while following current Agile methodologies (Scrum) in my everyday role at work.

My communication, teamwork, and leadership skills often create an environment of joy and openness, which allows for effortless collaboration and the transfer of knowledge, technical or otherwise, within the team.

EDUCATION

ISTEC, LISBON
B.Eng in Multimedia Engineering
Graduated Jul 2019 | Lisbon, PT
Final Grade: 16 / 20

ISTEC, LISBON
AAS in Multimedia Product Development
Graduated Jul 2017 | Lisbon, PT
Final Grade: 15 / 20

COURSEWORK

BACHELOR OF ENGINEERING
Web Application Development
Database Management Systems and SQL
Mobile Application Development
JavaScript, SQL, Java, Python, C#, PHP, Swift
UI/UX Design

A. APPLIED SCIENCE
Data Structures, Algorithms, and Complexity Analysis
Networks and Data Communication
Database Management
Project Management
HTML, CSS, JavaScript, SQL, Java, C++

SKILLS

TECHNICAL SKILLS
Proficient with:
Agile (Scrum) • Jenkins • Docker • Java • JUnit
MongoDB (NoSQL) • Microservices • REST
Azure Kubernetes Service (AKS) • Git
Familiar with:
Python • JavaScript (ES6) • Node.js • React
MySQL (SQL) • Linux

SOFT SKILLS
Strong:
Bilingual Communicator (English, Portuguese)
Analytical and Goal-Oriented Mind • Initiative
Learning Spirit • Critical Thinking

WORK EXPERIENCE

CRITICAL TECHWORKS | BMW GROUP
Software Engineer, Critical Retail Integration Services
Dec 2020 - Present | Lisbon, PT
- Eliminated frequent downtimes experienced by our services by driving the Proof of Concept and implementation of a new Azure Application Gateway load balacing solution for newly created AKS clusters.
- Improved our API debugging and performance assessment processes by creating and deploying mocks services which mimic third-party solutions' input and output.
- Constant participation in the development of cross-departmental integration projects and cooperation with external partners for production incident-handling.

VITAMIMOS
Photographer, Videographer and Graphic Designer Intern
Feb 2017 - Aug 2017 | Carcavelos, Cascais, PT
- Photographed and filmed various entrepreneurship and nutrition-centered events, and took care of post-production of the photos and videos.
- Photograph published through one of Portugal's most renowned magazines, Time Out (Lisbon), in the "O Guia dos Miúdos 2017" (The Kids' Guide 2017) edition in June 2017, and the "Escapadinhas de Verão" (Summer Getaways) edition in July 2017.

TECHNICAL PROJECTS

PY TRACE IMAGE - WIP | GitHub
Summer 2022 - Present | Lisbon, PT
- Scripts for loading and preprocessing images, finding edges and drawing lines based on Canny edge detection.
- Created with Python - OpenCV, NumPy, Matplotlib.

INNOVATHON 2019 | Sustainability Tech Marathon
Summer 2019 | Cascais, PT
- 24-hour-long technology marathon, created by CEiiA, in Portugal, for the conceptualization of sustainability projects.
- Provided viable, innovative conceptual solutions based on the quantification, valorization, and transaction of data, employing Artificial Intelligence and Computer Vision as a way to identify and alert of residual waste within the oceans.