Diogo Raphael Cravo

Curriculum Vitae

Personal Information

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Nationality	Brazilian
LinkedIn	www.linkedin.com/in/diogo-cravo
Birth	09.25.1991

Work Experience

2015 - today   **Software Designer**, *HP*, Porto Alegre, RS, Brazil
- Development of several research and development projects with agile methodologies, participating in all phases, including conception, design, implementation, test, build, deploy and maintenance, such projects were always inserted in a larger ecosystem and required integration with various services and libraries, as well as interaction with many colleagues from other teams
- Backend programming mostly with NodeJS (Express) on MongoDB, but also Java (Spring Boot) on MySQL (flyway for migrations) and Golang, always with REST APIs and integrating to a few AWS services such as S3 and SQS, and library programming with C++ and Python
- Frontend programming mostly with TypeScrit/JavaScript, React/Redux and Electron, but also a few other frameworks
- Builds with Docker in Jenkins and MS Azure DevOps, deploys to AWS and Kubernetes
- Test driven development with unit, integration and system tests, keeping acceptable coverage levels
- Implemented logging best practices in all services, to enable debugging with Kibana, Splunk or Grafana
- Code versioning with git, GitHub and GitHub flow, often responsible for reviewing changes in PRs aswell

2011 - 2012   **Undergraduate Research Project**, *Universidade Federal do Rio Grande do Sul*, Porto Alegre, RS, Brazil
- Development of an online learning platform with a multiplayer game interface for the elementary school
- Programming in ActionScript and PHP

Education

2018 - 2021   **M.Sc. Computer Science**, *Universidade Federal do Rio Grande do Sul*, Porto Alegre, RS, Brazil
Research area: Software Engineering

2013 - 2015   **B.Sc. Computer Science**, *Technische Universität Berlin*, Berlin, Germany
Dual Degree program with UFRGS

2009 - 2015   **B.Sc. Computer Science**, *Universidade Federal do Rio Grande do Sul*, Porto Alegre, RS, Brazil

Languages

Portuguese	Native
English	Proficient
German	Conversational