

Diogo Dantas Moreira

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Professional experience

Software Engineer

Jun/2021 - Dec/2023

Translucent Computing, Full-time

Developed healthcare systems based on FHIR specifications leveraging cutting-edge technologies: Spring Boot, NestJS (+Express), Kafka, Keycloak, Redis, PostgreSQL and Elasticsearch/Opensearch. Developed integration modules using OpenAI API. Developed a domain specific languages using Typescript and NodeJS APIs. Minor frontend tasks using React + Redux, Material UI, RxJS. Some tasks using Terraform, Shell Script and Kubernetes.

Adjunct Professor

Oct/2014 - Present

Instituto Federal da Paraíba, Full-time

Lectures on Software Development / Software Engineering, covering topics such as Web Development (with HTML, CSS, Javascript, Node and Express), Software Testing (with JUnit + Mockito, Jest, Cypress and Selenium), Design Patterns, UML, REST, Spring Boot, Git, Maven and JavaEE.

Software Engineer

Jan/2013 - Oct/2014

Phoebus Tecnologia, Full-time

Enhanced backoffice financial transaction processing systems utilizing Java (Spring Framework, Maven, JPA/Hibernate), Adobe Flex, Eclipse BIRT reporting with Oracle and Microsoft SQL Server databases. Authored comprehensive systems documentation to streamline IT Help Desk deployment, updates, and rollbacks.

Software Developer

Jun/2012-Jan/2013

Indra Company, Full-time

Contributed to the development of court management systems for the Paraíba State Court of Justice, including a tool to assist with writing and compilation of Justice Diary, using Java technologies such as JSF 2.0 with Richfaces & Primefaces, JPA, Maven, and front-end development using HTML, CSS, XML, jQuery.

Formal education/degree

Master's in Software Engineering

2017 - 2019

CESAR School - Recife - PE, Brazil

Specialization. MBA in Software Engineering

2013 - 2014

Estácio iDEZ - João Pessoa - PB, Brazil

Undergraduate studies in Software Analysis and Development

2008 - 2012

Instituto Federal da Paraíba - Cajazeiras - PB, Brazil

Skills

- **Backend:** Java 17, Spring Boot (Webflux/Reactive Web, Kafka, Data, Cloud), Java Server Faces, JPA, EJB, JMS. REST, SOAP, GraphQL. NestJS, Node, Express.
- **Frontend:** HTML5, CSS (TailwindCSS, Sass, Styled Components, CSS Modules), JavaScript, TypeScript, React, Redux, RxJS, Angular 5+, Static Site Generators (Gatsby and NextJS).
- **Testing:** JUnit, Mockito, Cucumber, Jest, Cypress, Selenium, JMeter, TestContainers.
- **Databases:** PostgreSQL (+PostGIS), MySQL, Oracle, Microsoft SQL Server, ImmuDB, MariaDB, ElasticSearch, OpenSearch, Redis.
- **Tools:** Git, SVN, CVS. Jira. Docker, Jenkins, TravisCI. Keycloak. Kubernetes & Helm. Shell Scripting. Basic understand/usage on Terraform.