

## André Gonçalves

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### SUMMARY:

Hey, I'm who you are looking for!

As a naturally curious and ambitious problem-solver, constantly looking for ways to improve my work process, I've grown to love taking on new challenges and delving deep into all kinds of domains, in hopes of gathering new, useful, information that helps me come up with interesting solutions to the problems that emerge, and as such, I intend to use these traits to help your company and its clients achieve the utmost success.

### RECENT PROJECTS:

#### Website - Personal Website (React, Gatsby, GraphQL, and Styled-components)

- Took advantage of GraphQL queries, in conjunction with Gatsby plugins, to fetch, serve and lazy load optimally-sized images, resulting in greatly reduced loading times, and improved user experience.
- Improved the responsiveness of the website by utilizing relative length units and design-based media queries throughout the various integral elements and components.

#### Web Application - Task Management (Node.js, Express, and MongoDB with Mongoose)

- Structured and developed a RESTful API to empower users with the ability to perform CRUD operations, throughout various endpoints, in order to manage the tasks associated with their accounts.
- Applied diverse industry standards for authentication and security of data, such as encryption and secure storage of the user's passwords through Bcrypt, and generation and association of JSON Web Tokens for authenticating certain CRUD operations.

#### Web Application - Weather Forecast (Node.js and Express)

- Implemented Geolocation and Forecast APIs, as well as Node.js asynchronous callback patterns, to retrieve weather data on a given location and return it to the user, via Handlebars.
- Enhanced the new feature deployment workflow by working closely with Git throughout the various stages of development and deploying the final product through the PaaS Heroku.

### EDUCATION:

#### **Bachelor of Engineering, Multimedia Engineering**

September 2019

Instituto Superior de Tecnologias Avançadas, Lisbon, PT

- Web Application Development
- Database Management Systems and SQL
- Computer Architecture

#### **Associate of Applied Science, Multimedia Product Development**

September 2017

Instituto Superior de Tecnologias Avançadas, Lisbon, PT

- Introduction to Computer Science
- Networks and Data Communication

### SKILLS:

- Proficient in JavaScript (Node.js), NoSQL (MongoDB), HTML, and CSS
- Some experience in Java, Python, and SQL (MySQL)
- Knowledge and practical experience with RESTful APIs
- Very comfortable with version control, specifically Git and GitHub
- Fluent in English