

## André Gonçalves

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### SUMMARY:

Junior Software Engineer, most experienced in using MongoDB, MySQL, and Node.js/Express to create RESTful APIs and backend services, as well as React and JavaScript for dynamic frontend views.

I'm more than happy to learn any other technology and pair it with my communication, teamwork, leadership, and problem-solving skills to get the best possible outcomes for the company's projects.

### EDUCATION:

**Bachelor of Engineering, Multimedia Engineering (16/20)**

**September 2019**

**Instituto Superior de Tecnologias Avançadas**, Lisbon, PT

Web Application Development, Database Management Systems and SQL, Security and Cryptography, Mobile Application Development, Game Development, UI/UX Design.

**Associate of Applied Science, Multimedia Product Development (15/20)**

**September 2017**

**Instituto Superior de Tecnologias Avançadas**, Lisbon, PT

Introduction to Computer Science and Software Development, Data Structures, Algorithms, Complexity Analysis, Networks and Data Communication, Graphic Design, and Web Design.

### RECENT PROJECTS:

#### Website - Personal Website

- Took advantage of GraphQL queries, in conjunction with Gatsby plugins, to fetch and lazy load optimally-sized images, resulting in greatly reduced loading times, and improved user experience.
- Utilized: JavaScript, React, Gatsby, GraphQL, Styled-components, Git, Netlify.

#### Web Application - Task Management

- Applied 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 CRUD operations.
- Utilized: JavaScript, Node.js, Express, NoSQL, MongoDB with Mongoose, Git.

#### Web Application - Weather Forecast

- 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.
- Utilized: JavaScript, Node.js, Express, Git, Heroku.

### SKILLS:

- Proficient in JavaScript (Node.js, React), HTML, and CSS
- Some experience with Java, Python, PHP, Relational Databases (SQL, MySQL), and Non-Relational Databases (NoSQL, MongoDB)
- Knowledge and practical experience with Object-Oriented Design, and RESTful API development
- Familiarity with Linux development environments
- Very comfortable with the UNIX Shell and version control, specifically Git and GitHub
- Fluent in English