



BRUNO LOPES

I'm a young graduate in Computer Engineering with practical experience in developing IoT solutions, web and mobile platforms, and object-oriented systems in industrial and business contexts. I stand out for my fast learning, analytical thinking, discipline and focus on results. I am highly adaptable and motivated by challenges, with a strong growth mindset and a commitment to delivering value with quality. Fluent in four languages, I bring a high-performance attitude and an ambitious spirit oriented towards technical and personal excellence.

PERSONAL

- Name**
Bruno Lopes
- Address**
Avenida da igreja, Figueiredo
3505-347 Viseu
- Phone number**
933938716
- Email**
bruno-lobes9@hotmail.com
- Date of birth**
03-06-2003
- Place of birth**
Viseu
- Gender**
Male
- Nationality**
Portuguese
- Marital status**
Single
- Driving licence**
B
- Website**
<https://github.com/brunolopes9>
- LinkedIn**
<https://www.linkedin.com/in/bruno-lobes9>

INTERESTS

- Gym
- Running
- Programming
- Trading
- Personal Development
- Business psychology

LANGUAGES

- English** ★ ★ ★ ★
- Portuguese** ★ ★ ★ ★
- French** ★ ★ ★
- Spanish** ★ ★ ★ ★



EDUCATION AND QUALIFICATIONS

- Sept 2021 - Sept 2024 **Bachelor in Computer Science**
[Escola Superior de Tecnologia e Gestão de Viseu, Viseu](#)
Practical, project-oriented training, with a focus on object-oriented programming, systems architecture, real-time applications, full-stack development (web and mobile) and databases. I have completed more than 4 full technical projects, highlighting strong skills in analysis, collaborative development and problem solving. I always proved to be one of the best students in the class, doing everything with excellence.



WORK EXPERIENCE

- Feb 2024 - Sept 2024 **Full-Stack Trainee (IoT and Web Systems)**
[HUF, Tondela](#)
Developed a real-time worker and productivity monitoring system for a car factory.
Built three main applications:
 - Admin Panel:** Management of workers, machines, and beacons (JavaScript, PHP, HTML/CSS)
 - BLE Detection App:** BLE-based application to detect device scanning on machines
 - Real-time Control Panel:** Real-time dashboard with historical analysis (Node.js, Express, MQTT)**Impact:** Reduced downtime caused by worker absence, enabling faster training and better workforce allocation.
Technologies: JavaScript, React, PHP, Node.js, Express, HTML/CSS, BLE, MQTT, CRUD, XML
- Jan 2023 - Aug 2023 **Full Stack Developer / Intern**
[Viseu](#)
Integrated Opportunity and Offer Management System:
Developed a **full-stack Web (React, Node.js, Sequelize/MySQL) and Mobile (Android/iOS) platform**. Implemented multi-profile authentication (SSO and password login), dashboards, reporting, notifications, and meeting scheduling. Managed user permissions and multi-profile roles (Admin, Content Manager, Idea Manager), optimizing workflows and centralizing opportunities and job openings for improved collaboration.



SKILLS

- Languages: JavaScript, React, Node, REST APIS, XML** ★ ★ ★ ★ ★
- Languages: TypeScript, Next.js, Nest.js** ★ ★ ★ ★ ★

Languages: C C++	★ ★ ★ ★ ★
Languages: HTML CSS PHP	★ ★ ★ ★ ★
Databases: SQL, NoSQL (MongoDB, Postgres, MySQL)	★ ★ ★ ★ ★
Concept: Full-Stack Development Real-Time System	★ ★ ★ ★ ★
Tools : MQTT, BLE, GIT, Trello, JWT	★ ★ ★ ★ ★
Strong communication and team leadership skills	★ ★ ★ ★ ★
Self-disciplined, resilient and focused on execution	★ ★ ★ ★ ★
Passionate about quality and consistency	★ ★ ★ ★ ★
Oriented towards growth and improvement	★ ★ ★ ★ ★
Problem solving under pressure	★ ★ ★ ★ ★
Fast learning and high adaptability	★ ★ ★ ★ ★



PUBLICATIONS

NextHire (Ongoing Project) – Building a Full-Stack MERN Job Portal using React, Node.js, MongoDB, and Express, implementing user authentication, job listings, and candidate management features.

Professional Development (Udemy Courses, In Progress) – Studying PostgreSQL, Next.js 15, NestJS, and TypeScript to strengthen fullstack development and backend expertise.



ACHIEVEMENTS

Certifications and Course Completion

- Completed 19 LinkedIn Learning courses on React, Node.js, JavaScript, and web development.
- Earned certificates in advanced Node.js, React Native, and API development.

Hands-on Projects

-> github.com/brunolopes9

- Built multiple web and mobile apps using javascript, React, and Node.js as part of hands-on course projects.
- Developed a full-stack REST API with Node.js and integrated it with a React frontend.

Measurable Results

- Increased coding proficiency by completing 200+ hours of practical exercises and projects
- Gained expertise in asynchronous programming, API integration, and state management.

Recognition or Participation in Programs

- Participated in coding challenges and exercises with a focus on modern web development.



COURSES

Aug 2025 - Aug 2025

How to Manage Your Energy to Increase Productivity
[Linkedin Learning](#)

Course focused on energy management strategies to improve productivity and performance at work, addressing healthy habits, focus, sleep, nutrition, and creating a high-energy culture in the professional environment.

Jul 2025 - Aug 2025

Advanced Node.js

[Linkedin Learning](#)

Covers advanced asynchronous patterns (callbacks, promises, async/await) and Node.js streams (readable, writable, duplex, transform) for efficient data handling. Includes HTTP streaming techniques for video delivery and multipart/form-data processing.

Jun 2025 - Jun 2025

HTML5 and CSS3

[LinkedIn Learning](#)

Introduction to building websites from scratch using HTML5 for structure and CSS3 for styling. Covers responsive design principles with hands-on projects to create modern, visually appealing web pages.

Jul 2025 - Jul 2025

Express Essentials: Build Powerful Web Applications with Node.js

[LinkedIn Learning](#)

- *Quick introduction to Express for web development with Node.js. Covers server setup, routing, HTTP methods, middleware, debugging, database integration, and best practices for building secure applications.*

Jul 2025 - Jul 2025

Building Modern Projects with React

[LinkedIn Learning](#)

Explores key tools in the React ecosystem to simplify development and manage state, side effects, structure, and styling. Covers Redux, thunks, selectors, styled components, hooks, testing, and best practices for building robust and maintainable React applications.

Aug 2025 - Aug 2025

React Native: Building Production-Ready Apps

[LinkedIn Learning](#)

Learn how to create native mobile applications for iOS and Android using JavaScript and React. Through a project-based approach, build apps from scratch, including a simple math game and a data-driven application, while gaining hands-on experience with debugging, testing, and packaging for production.

Aug 2025 - Aug 2025

Databases for Node.js Developers

[LinkedIn Learning](#)

Gain hands-on experience working with SQL, NoSQL, and in-memory databases in real-time applications. Learn to use MySQL for relational data, MongoDB for dynamic data storage, and Redis for fast in-memory operations such as session management. Explore how to connect databases to Node.js applications and perform create, read, update, and delete operations to optimize web app performance.

Jun 2025 - Jun 2025

React: Building Modern Applications from Scratch

[LinkedIn Learning](#)

Learn the latest techniques for building scalable React applications. Covers React components, hooks (useState, useReducer, useEffect), and modern frameworks like Next.js and Vite. Gain experience with server vs. client components, routing, API integration, and server-side rendering. Includes best practices for styling with Tailwind CSS and optimizing performance for production-ready apps.

Jul 2025 - Jul 2025

Ajax for Web Applications

[LinkedIn Learning](#)

Learn how to build interactive, high-performance web apps using Ajax. Covers modern techniques with Fetch API, legacy approaches, DOM

manipulation, and integrating Axios. Includes request/response optimization, debugging, and hands-on practice with GitHub Codespaces for real-world development workflows.

Jul 2025 - Jul 2025

Advanced JavaScript

[LinkedIn Learning](#)

Deep dive into advanced JavaScript concepts including closures, callbacks, promises, async/await, and functional programming. Learn to write more efficient, modular code and tackle complex problems with advanced techniques for modern web development.

Jul 2025 - Jul 2025

React Fundamentals

[LinkedIn Learning](#)

Gain a solid understanding of core React principles, including components, props, state, functions, and events. Learn JSX syntax to efficiently build dynamic user interfaces using one of the most popular JavaScript libraries.

Jul 2025 - Jul 2025

REST API

[LinkedIn Learning](#)

Learn JavaScript from the ground up, covering basics like variables, data types, conditionals, and functions, as well as advanced topics such as loops, closures, and DOM scripting. Gain hands-on experience with ES6 features and fundamental JavaScript libraries to build dynamic, interactive web applications.

Jul 2025 - Jul 2025

JavaScript Essential

[LinkedIn Learning](#)

Learn JavaScript from the ground up, covering basics like variables, data types, conditionals, and functions, as well as advanced topics such as loops, closures, and DOM scripting. Gain hands-on experience with ES6 features and fundamental JavaScript libraries to build dynamic, interactive web applications.

Aug 2025 - Aug 2025

Getting Started with React Native

[Linkedin Learning](#)

Learn how to build native mobile apps for iOS and Android using React Native. Gain hands-on experience with components, views, platform APIs, styling with Flexbox, user input, navigation, touch interactions, and data handling, guided through practical examples.