João Bota

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Links

| LinkedIn: www.linkedin.com/in/joaobota | Personal Portfolio: www.joaopbota.com | GitHub: www.github.com/JoaopBota

Software Engineer, I've been able to develop my programming skills and knowledge during **a three-year-long degree** I have learned industry best practices to **create efficient scalable full-stack web-based applications**, along with **critical and problem-solving skills** for the **design and construction of software**, and **work collaboratively** on software components.

Education

BACHELOR OF SCIENCE SOFTWARE ENGINEER | SOUTHAMPTON, UNITED KINGDOM

Experience

Industrial Consulting
Implemented a progressive web application for a company which allows users to see the location, forecast for snowfall in five days, the current weather, snow size, and the website that gathers the snowfall data of each ski resort. - **JavaScript React API Auth PWA Tailwind CSS**

Points of Interest Web App
Developed a web application that integrates nearby points of interest (POIs). The user can create POIs, view them on a map, and store them in the onboard SQLite database as well as download them from a web API and save them to the web. **- JavaScript MYSQL Express.js Node.js**

Advanced Database Systems Proof of Concept (Animal Rescue)
Created a proof-of-concept data-driven full-stack web application that helps find lost dogs or adopt one. Animal Rescue enables a user to add a post with some information such as Dog's name, breed, location, and phone number. **- JavaScript MongoDB Express.js React.js**

Research and Development - Artificial Intelligence in a Surveillance Camera
Investigated academic literature on using different algorithms to detect objects, I engineered a prototype to demonstrate the functionality of detecting objects in real-time on any camera using OpenCV. **– Python OpenCV Flask**

Stock Price Predicter Web App using Machine Learning
Built a web app that uses Facebook Prophet to allow to predict stock or equities prices on a daily, weekly, monthly, and yearly basis. Display graphical performance and trends. **– Python Anaconda Prophet Streamlit**

Automatic Chatbot with Artificial Intelligence
Programmed a Chatbot that can communicate like a human, and the main use is for customer interaction. **– Python Numpy NLTK Tkinter**

Mobile Application Development
Created an android mobile application that allows users to create and view nearby points of interest in OpenStreetMap. **- Kotlin OSMDROID SQLite**

Skills & Abilities

- JavaScript
- Python
- Java
- Kotlin
- Node.js
- React.js
- Tailwind CSS

- Next.js
- MySQL
- CSS
- Express.js
- Git
- MongoDB
- Photoshop

- Problem Solving and Logical Thinking
- Written and Verbal Communication
- Teamwork and Leadership
- System Design
- Virtual Studio Code

- Object-Oriented Programming Systems
- Adaptability
- Enthusiasm
- Time management skills
- Analytical thinking
- Three.js