Jorge Basilio

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Portfolio Website: https://jorgebasilio.net

SOFTWARE DEVELOPER / ENGINEER

Software Engineer with hands-on experience in full-stack web development, machine learning, and cloud-based applications. Strong foundation in Java, Python, and JavaScript with a passion for building scalable, user-centric solutions. Background in high-pressure leadership roles with excellent communication and problem-solving skills. Seeking to bring a mix of technical expertise and real-world leadership into a software engineering role.

TECHNICAL SKILLS

Languages: Java, Python, Ruby, JavaScript, TypeScript, SQL, C, C++
Frameworks: Spring Boot, Ruby on Rails, Django, React, Angular
Databases: MySQL, PostgreSQL, MongoDB
Tools & Other: Git, Firebase, HTML, CSS, Linux, AWS, Docker

TECHNICAL PROJECTS

New York Housing Price Predictor – Demo / Code
A Housing Price Predictor using machine learning – The Project uses available files from federal reserve, and from Zillow to make housing price predictions.
- Built a machine learning model using scikit-learn and Random Forest to predict housing prices using Zillow and Fed datasets.
- Engineered data pipelines with Pandas and NumPy, achieving 90%+ model accuracy on test data.
- Visualized market trends using Matplotlib to deliver actionable insights.

Royalty Clothing – Code | Demo
An Ecommerce store that has a full CRUD and googles Authentication – This Project displays react knowledge and ability to work on front end and back end.
- Developed a full-stack e-commerce site with React and Firebase, implementing Google Authentication and CRUD operations.
- Enabled users to securely register, browse, and purchase items—demonstrating front-end design and backend data management.

Typing Test App – Code | Demo
Built a responsive typing speed test using HTML, CSS, and vanilla JavaScript. Integrated a public API to dynamically fetch random words and implemented real-time WPM calculation, accuracy tracking, and a countdown timer. Designed with desktop-first UX and error handling for optimal performance.

Coffee-Stand – Frontend | Demo
A dynamic landing page designed for a coffee delivery company, showcasing my proficiency in website aesthetics. Utilized HTML and CSS to create an appealing user interface.

EDUCATION

Western Governors University – Jan 2022 – May 2024
Bachelors in Science (BS), Computer Science

Apprentice Now (Woz U) - July 2022 – Oct 2022
Application Development (Java Intensive)

Flatiron School, Coding Bootcamp – Jan 2020 – June 2020
Immersive Software Engineering, Manhattan, NY

Southern New Hampshire University – Jan 2019 - Aug 2020
Computer Science (Completed relevant coursework)

WORK EXPERIENCE

InfoSys (Apprentice Now) - Remote
Java application Development Apprenticeship: July 2022 - Sept 2022
- Completed an 8-week intensive course on computer fundamentals and full-stack Java.
- Developed proficiency in Frontend technologies (HTML, CSS, JavaScript, React, Angular) and Backend technologies (Java, Spring boot).
- Gained exposure to database management with MySQL and MongoDB.

RWJBH Hospital, New Brunswick, NJ
Lead Security Officer (Shift Supervisor): November 11, 2018 – July 2022
Security Officer: November 11, 2012 – November 2018
- Led 60+ personnel at Level One Trauma Center, ensuring safety, incident reporting, and emergency response.
- Served as a Liaison for law enforcement and hospital leadership, improving response efficiency.
- Gained leadership, conflict resolution, and real-time decision-making skills directly applicable to agile teams.

New Brunswick Police Department
Auxiliary Police officer: June 12th, 2013 - August 2015
- Conducted foot patrols and Ride Along's to ensure police presence during specific events
- Assisted with traffic and crowd control during various operations.
- Engaged with local community to understand and address policing and safety concerns.

CERTIFICATIONS AND TRAINING

- ITIL-4 Foundations Certification 2023 – 2026 (Cert num: GR672557668JB)
- Application Development Certification – Java Intensive (2022)
- Software Engineering certification from Flatiron Coding Bootcamp (2020)

REFERENCES AVAILABLE UPON REQUEST