

Bruno Araujo Lima

SYSTEM ENGINEERING COORDINATOR · TECH LEADER · PROJECT MANAGER · DEVOPS

Fortaleza - Ceará - Brazil

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Summary

I am a dedicated and experienced professional at the intersection of Information Technology and Education. Currently, I serve as System Engineering Coordinator at Eletra Energy Solutions, leading the development and enhancement of advanced systems for energy monitoring and control. In this position, I also coordinate the system-side operations of AMI projects, managing ongoing implementations as well as new business opportunities.

Since 2020, I have worked as a DevOps engineer, and since 2022, I have taken on the role of Project Manager, leading multidisciplinary teams and ensuring the successful delivery of complex, cross-functional initiatives. My responsibilities include overseeing system architecture, integration, and performance, while aligning technical capabilities with business needs.

With a strong academic background and extensive experience in scientific research, I stand out as a Research Scientist in renowned laboratories such as the Computer Networks and Security Laboratory (LARCES - UECE). I have also served as a professor in higher education institutions, delivering lectures, guiding students, and contributing to the development of innovative digital learning content as a tutor and content writer for the LEAD Project at Dell Lead.

My professional journey reflects a constant commitment to innovation, effective solutions, and excellence in challenging environments. With strong skills in leadership, systems analysis, DevOps practices, and research, I am prepared to embrace new challenges and contribute meaningfully to advancements in technology, education, and applied research.

Education

State University of Ceará

M.S. IN COMPUTER SCIENCE

Fortaleza, Ceará, Brazil

Mar. 2016 - Aug. 2018

- A Heterogeneous Architecture for Sparse Scenarios of Vehicle Environments, funded by a national research institute in Brazil.
- A Mechanism for ECG Disease Classification and Sepsis Prevention in a Secure Cloud Computing and Big Data Environment using Artificial Intelligence, funded by a national research institute in Brazil.
- Security in Networks, Services, and Emerging Technologies - Scholarship.

State University of Ceará

B.S. IN COMPUTER SCIENCE

Fortaleza, Ceará, Brazil

Mar. 2011 - Aug. 2015

• Implementation and Performance Analysis of the FFRDV Protocol in the NS3 Simulator - Scholarship.- Data Modeling for OTN Network Performance Monitoring - Scholarship.

Work Experience

Eletra Energy Solutions

SYSTEM ENGINEERING COORDINATOR

Fortaleza, Ceará, Brazil

Aug. 2024 - Present

• Drive strategic planning and manage cross-functional projects- Lead multidisciplinary teams in the execution of complex system engineering initiatives
- Lead the definition and standardization of system architectures to ensure performance, security, and scalability
- Serve as a key liaison between R&D, commercial, and field operations teams to align technical capabilities with market needs
- Oversee the full lifecycle of system integration, from solution design to post-deployment support
- Perform project planning, timeline management, resource allocation, and risk mitigation
- Ensure delivery quality, stakeholder satisfaction, and adherence to technical and business requirements
- Project management of ongoing initiatives and new business opportunities

Eletra Energy Solutions

AMI SYSTEMS AND INTEGRATIONS COORDINATOR

Fortaleza, Ceará, Brazil

Aug. 2022 - Present

• Team management for AMI Systems and Integrations- Project management of ongoing AMI initiatives and new business opportunities
- Planning, coordination, and execution of multidisciplinary project activities
- Technical lead in client meetings and cross-functional alignment
- Oversight of timelines, deliverables, and risk mitigation strategies

Eletra Energy Solutions

SYSTEMS ANALYST

Fortaleza, Ceará, Brazil

Jun. 2021 - Aug. 2022

• Development and maintenance of AMI system documentation- Deployment, maintenance, and testing of AMI systems
- Technical lead in client meetings
- Implementation and testing of system integrations

Eletra Energy Solutions

JUNIOR R&D ANALYST

- Development and maintenance of AMI system documentation
- Deployment, maintenance, and testing of AMI systems

Fortaleza, Ceará, Brazil

Oct. 2020 - Jun. 2021

Federal Institute of Education, Science and Technology of Ceará

PROFESSOR

- Higher education professor in Computer Science
- Technical education professor in Computer Networks
- Technical education professor in Informatics
- Prepared lectures, learning materials, and support for teaching new technologies.

Maracanaú, Ceará, Brazil

Apr. 2019 - Jul. 2020

State University of Ceará

PROFESSOR

- Higher education professor in Computer Science
- Prepared lectures, learning materials, and support for teaching new technologies.

Fortaleza, Ceará, Brazil

Apr. 2018 - Apr. 2019

State University of Ceará

RESEARCHER

- Creator and developer of the HetVCAr architecture, a heterogeneous architecture for sparse scenarios in vehicular environments. Part of this work was published in a conference, with the following DOI: 10.1109/ISCC.2018.8538565
- Developer of the eHealth System platform, capable of classifying nineteen different cardiac abnormalities in a human ECG and the possibility of sepsis, through machine learning algorithms with Python language and TensorFlow/Keras library. Part of this work was published in a conference, with the following DOI: 10.1109/ISCC.2018.8538710
- Proposed the performance analysis of various communication protocols in vehicular networks using the NS3 simulator in C++.

Fortaleza, Ceará, Brazil

Mar. 2013 - Apr. 2020

DELL - LEAD

CONTENT PRODUCER & TUTOR

- Content producer and tutor for the LEAD Project courses (Distance Education Laboratory for People with Disabilities) created by Dell.
- Created courses in Java, SQL, and Android at all levels of understanding.
- Supported students in course disciplines.

Fortaleza, Ceará, Brazil

Mar. 2017 - Mar. 2022

Languages

Portuguese Proficient in Listening, Speaking, Reading, and Writing

English Proficient in Listening, Speaking, Reading, and Writing (TOEFL ITP Certificate – Score: 587)

Spanish Proficient in Listening, Fair in Speaking, Proficient in Reading, Fair in Writing