

# KATHERINE GONZÁLEZ

## SOFTWARE ENGINEER

+506 8510 9501 katherine.gonzalez.arias@gmail.com  
Heredia, Costa Rica <https://github.com/Katherine506>

### SUMMARY

Hello! I'm a software developer focused on AI, with experience in Java, C++, and web development. I work on fine-tuning language models, preparing datasets, and automating benchmarking on CPU/GPU. Fast learner, team-oriented, and skilled in agile workflows and clear communication.

### SKILLS

- Strong problem-solving
- Interpersonal Skills
- Collaboration
- Critical thinking
- Analytical skills
- Communication
- Leadership
- Attention to detail

### TECHNOLOGIES

- Java
- HTML5, CSS3, Bootstrap, Sass
- Webpack
- MongoDB
- Python
- C/C++
- JS, React
- SQL Server
- Node.js
- Bash
- Git/ GitHub/ BitBucket
- REST
- JSON
- NoSQL databases
- AI/ML

### WORK EXPERIENCE

#### Moody's

Software Engineer • 2024 - Present

- Prepare and preprocess domain-specific corpora (JSON, XML, RDF) for fine-tuning language models
- Evaluate models using tools like multi-bleu.perl, sacreBLEU
- Automate model evaluation pipelines to ensure reproducibility and efficiency
- Write benchmarking scripts in Python and Bash to measure model performance (latency, accuracy, throughput)

#### CITI

Applications Support Engineer • 2023 - 2024

- Troubleshoot and resolve software defects and issues
- Perform analysis of existing application protocols and software tools and actively engage with the various support teams.
- Provide and support recommendations for improved procedures and policies.
- Provide advanced application support to effectively utilize the system infrastructure and resources.

#### CITI

Data Analyst • 2019 - 2023

- Collect and interpret financial data.
- Analyse large datasets.
- Working in small teams, within the business and the management team, to establish business needs.
- Resolved data defects and issues

#### Konrad Group / BrainStation

Web Developer Student Program • July 2021 - September 2021

- Programming web pages with HTML5, CSS3, React, and accessibility tools.
- Creation of websites using Adobe Experience Manager.
- Implementation of servlets using Java.

### EDUCATION

#### Bachelor's degree in Software Engineering

CENFOTEC University • 2022–2026

#### Computer Science

University of Costa Rica • 2019–2022

#### Master's degree in Linguistics

University of Costa Rica • 2018–2022

#### Bachelor's degree in Spanish Philology

University of Costa Rica • 2013–2017