

ShantyCerdas Barahona

Software Developer

San José, CR
Tel: +50663437928
E: Barahona0498@gmail.com

Profile

Software Engineer with 3 years of experience built by working at Amazon, specializing in TypeScript, C#, React, Python and AWS. Proficient in full-stack development, design patterns and agile methodologies, with additional skills in Java, C++, and Node.js. Passionate about solving complex problems and delivering innovative solutions in collaborative environments, with a strong focus on code quality, performance optimization, and scalable architecture.

Employment History

AMAZON | Software Development

| Software
01/2022- 10/2024

Project: Zeus Ticket Management System

Technologies: Python, Flask, AWS (RDS, Elastic Beanstalk, S3, CloudWatch), Pandas, PostgreSQL

- Developed a Flask-based web application to manage ticket assignments for T4 associates, streamlining the resolution process.
- Implemented AWS infrastructure with RDS for database management and Elastic Beanstalk for deployment.
- Utilized Pandas for data analysis, generating reports on handle time and ticket volume, contributing to a 20% reduction in average resolution time and enhanced control over associate performance metrics.

Project: Paragon Workflow Tool Enhancement

Technologies: ASP.NET Core, AWS (RDS, EC2, CodePipeline, CodeBuild)

- Developed a feature for categorizing brand-related issues, improving diagnostic accuracy by 45%.
- Implemented an API for document uploads, facilitating direct submission of brand evidence.
- Managed data with AWS RDS (PostgreSQL) for efficient querying.
- Developed a feature to save documents provided by sellers in Amazon S3 bucket
- Set up Amazon EC2 for development/testing and established a CI/CD pipeline with AWS CodePipeline and CodeBuild, reducing deployment times by 5%.

Project: Zeus UI Update

Technologies: React, TypeScript, Tailwind CSS, AWS (Lambda, S3, CodePipeline, CodeBuild)

- Redesigned the UI with React and TypeScript for an intuitive user experience.
- Implemented a self-acceptance feature, reducing missed tickets by 98%.
- Ensured seamless API integration and optimized data fetching using Axios.
- Utilized AWS Lambda for background processes and Amazon S3 for static asset storage.
- Established a CI/CD pipeline with AWS CodePipeline and CodeBuild for efficient deployments, contributing to enhanced control over associates' performance and ticket handling.

AMAZON | Software Development Internship

06/2021-01/2022

- Collaborated with cross-functional teams to design innovative software solutions for distributed computing projects at scale.
- Worked in an agile environment, designing and coding solutions for broadly defined problems, contributing to high-quality software delivery.

Technical Skills&Certifications

- Scrum Foundation Professional Certificate SFPC®
- Java
- C++
- .Net
- Azure DevOps
- Design Patterns & OOP
- Jira
- MongoDB
- AWS(EC2,Lambda,IAM,RDS,S3)
- Python
- Tailwind
- Bootstrap
- JavaScript
- Node.js
- TypeScript
- SQL Server
- PostgreSQL
- CSS
- HTML
- React
- C#
- Azure
- Github
- Django

Education

- ***CENFOTEC- San José***

Bachelor's Degree: Software Developer Engineering

Current