

Matteus Barbosa

AWS Generative AI Pro | Senior Software Engineer

Summary

Senior Software Engineer Contractor at Hearst Newspapers, focused on building scalable React applications and cloud-native solutions using AWS and Google Cloud Platform. I work within microservices architectures, lead feature development, and support teams through complex technical challenges.

My experience includes secure payment integrations with Auth0, CyberSource and Apple Pay, CRM and data integrations, and full-stack development with JavaScript and PHP.

I have been certified by AWS three times: AWS Generative AI Pro, Associate Developer and Cloud Practitioner.

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Education

Pontifícia Universidade Católica de Minas Gerais	Graduação
Sistemas de Informação, Tecnologia da Informação	2013 – 2017
Oxford University Press	Associate's degree
Língua Inglesa e Literaturas de Língua Inglesa	2016 – 2018
Fundação Bradesco	2012 – 2014
Noções de T.I., Tecnologia da Informação	
Escola Profissionalizante Santo Agostinho	Técnico em Informática
Tecnologia da Informação	2012 – 2013
Udemy	
Web Developer, Web	

Experience

Flatiron Software Co	June 2022 – Present
Senior Web Developer	
- Flatiron builds AI systems from the ground up: designs the architecture, trains the models, writes the code, and ships the product. - Senior Software Engineer Contractor for Flatiron at Hearst Newspapers, a large corporation in the media segment in the United States. - Transitioning payment (from Payway to CyberSource, with Apple Pay included) and authentication systems (to Auth0). - Migrating and integrating millions of users to massive AWS, Azure, and GCP structures such as Lambdas and ECS, EventBridge, DynamoDB, CosmosDB and ElastiCache for caching strategies. - Often takes ownership of features and supports fellow developers on their challenges, enforcing target-driven code reviews and a pragmatic business-first approach to code deployment.	
Symplcity Corporation	March 2020 – June 2022
Software Engineer	

Profiles

[📄 LinkedIn](#)
[matteusbarbosa-453a82102](#)

Skills

- Amazon Web Services (AWS)**
Lambda, ECS, EventBridge, DynamoDB, ElastiCache
- Machine Learning**
- AWS Certification**

- Systems development and maintenance for the United States (USA) government. Proprietary framework, team work, flexible management and employee wellness valorization.

Lanchar Tecnologia

Contagem, Minas Gerais, Brazil

Desenvolvedor de software

September 2019 – March 2020

- Design and maintenance of Web Systems. Support to the company's systems.
- Development of Laravel/Lumen API and Front-end in Reactjs.
- Support and maintenance of databases and servers.

Autônomo

September 2018 – August 2019

Consultor de desenvolvimento web

- Analysis, through design, code, server configuration and routine support.
- Development of systems for small and medium-sized companies throughout Brazil: systems and applications for wholesale distributors, unions, factories, educational institutions, tourism portals and more.

 Earlier experience

Savage Bull November 2018 – February 2019
Desenvolvedor da web

- Development of a plugin to find nearby sports clubs: geolocation.
- Maintenance of WordPress and Drupal pages.

IGTI - Instituto de Gestão e Tecnologia da Informação
Greater Belo Horizonte
Analista Desenvolvedor June 2017 – February 2018

- Responsible for the production and maintenance of websites and software, in the marketing team.
- Work done with Shopify, WordPress, Bootstrap 4, among others.

Colégio e Pré-Vestibular SOMA Lourdes, Belo Horizonte/MG
Desenvolvedor Web August 2014 – May 2017

- Created a crawler to get 230,000 students selected from SISU and another one to get info from the entire DATAESCOLA base.
- Planned and coded solutions to support learning. Development management routine based on diagram tools and task organizers.
- Applications developed based on open source tools: CMS WordPress, MediaWiki, LMS Moodle, Laravel framework and Bootstrap, NodeJS/ExpressJS and Angular 2.
- Application of principles of agile methodologies and fluid navigation with AJAX.

Vitallis Saúde SA Centro, Belo Horizonte
Programador PHP April 2014 – August 2014

- Development of solutions based on Laravel and Bootstrap framework.
- Built several reports through Jasper Reports.
- Projects organized with SCRUM, always running with Linux.

CITIS - Centro de Inteligência em Tecnologia da Informação e Segurança
Barreiro, Belo Horizonte/MG
Estudante em estágio October 2013 – April 2014

Development and maintenance of web systems based on PHP and its frameworks:

- CakePHP
- Bootstrap
- LMS Moodle
- CMS Joomla
- MySQL
- MediaWiki

 Certifications

AWS Certified Generative AI Developer – Professional
October 2026
Amazon Web Services (AWS)

AWS Certified Developer – Associate
Amazon Web Services (AWS)

AWS Certified Cloud Practitioner
Amazon Web Services (AWS)

AWS Cloud Quest: Cloud Practitioner
Amazon Web Services (AWS)

Python

Design Gráfico

 Languages

Português
Native or Bilingual
☆☆☆☆

Inglês
Full Professional
☆☆☆☆

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