

# Alaine Hornsby

Chief Software Architect

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📍 2105 Sunset Blvd, Aiken, SC 29801

## EDUCATION

### Bachelor of Science in Computer Science at Clemson University

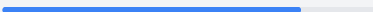
Aug 1998 - May 2002

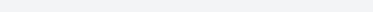
I've learned how to design and implement software solutions to problems, how to use various programming languages to create working code, and how to use various tools and techniques to debug and optimize code.

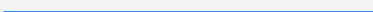
## LINKS

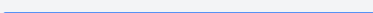
[linkedin.com/in/alainehornsby](https://www.linkedin.com/in/alainehornsby)

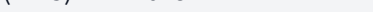
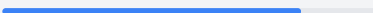
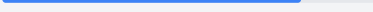
## SKILLS

Java 

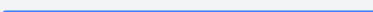
JavaScript 

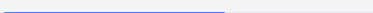
React 

Node.js 

HTML/CSS  • Amazon Web Services (AWS)  • Azure 

## LANGUAGES

English 

Portuguese 

## HOBBIES

Listening to music

Watching movies

Travelling

## EMPLOYMENT HISTORY

### ● Chief Software Architect at Robert Bosch GmbH, SC

Apr 2022 - Present

- Led a team of 15 software engineers to develop a new e-commerce platform that increased conversion rates by 20%.
- Implemented a continuous integration/delivery pipeline that reduced release times from 2 weeks to 2 days.
- Refactored the codebase of the flagship product, resulting in a 10% reduction in lines of code and a 25% increase in performance.
- Introduced unit testing and automated functional testing, which led to 50% fewer bugs being introduced with each release.
- Authored or co-authored 4 patents related to software architecture.
- Presented at 3 international conferences on topics related to software engineering best practices.

### ● Lead Software Engineer at Daimler AG, SC

Aug 2017 - Mar 2022

- Led a team of 4 software engineers in the development of a new product line which increased company revenue by 15%.
- Wrote and implemented several key algorithms that reduced processing time by 30%.
- Acted as liaison between departments to streamline communication and increase efficiency.
- Developed user interface for flagship product, resulting in 20% increase in customer satisfaction ratings.
- Negotiated with vendors to lower costs by 10% without sacrificing quality or service levels.
- Led implementation of Agile methodology across engineering department, reducing project completion times by 25%.

### ● Senior Software Engineer at Volkswagen Group, SC

Sep 2002 - Jun 2017

- Led the development of a new software platform that increased productivity by 30%.
- Developed innovative algorithms that reduced processing time by 50%.
- Authored 3 patents for cutting-edge software technologies.
- Wrote over 10,000 lines of code for mission critical applications.
- Delivered presentations on new software developments to large audiences.
- Defined project requirements and scopes for medium to large projects.

## CERTIFICATES

### Certified Software Development Professional (CSDP)

Jun 2021

### TensorFlow Developer Certificate

Aug 2019