

# ALAGUBALAGANESAN A

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 [LINKEDIN](#)

## Experience

### Azentio Software Solutions

Software Engineer Intern

Chennai, TN

Jan 2023 - Aug 2023

- Developed and maintained Java applications utilizing **JDBC** and **JSP** for efficient data handling and user interface design.
- Conducted **form validation** to ensure data integrity and enhance user experience. Executed database manipulations using **SQL**, including data retrieval, insertion, updates, and deletions, to support product functionality and maintenance.
- Collaborated with cross-functional teams to troubleshoot and resolve issues, contributing to continuous improvement of banking software products.

## Skills Development and Self-Paced Learning

Courses: Mastering java Script by Akshay Saini, React JS, Tailwind CSS by FreeCodeCamp

Oct 2023 - Dec 2023

Specialization Training and Virtual Internship: Java development by Trainity

feb 2024 - Oct 2024

## Projects

 [GITHUB](#)

### Project Name 1 / E - Commerce Website -Frontend

- Developed a dynamic and responsive E-commerce UI using **React.js** and **Tailwind CSS** for an engaging user experience.
- Implemented **API integration** to fetch and display products, ensuring seamless backend communication.
- Designed and built components like Header, Footer, Product Cards, Search Functionality for better maintainability.
- Resolved **CORS issues** and optimized API calls for efficient data fetching.
- Created a Product Detail Page with an **Add to Cart** feature to enhance shopping flow.

### Project Name 2 / Building Games Logics Using Java - Console apps

- Designed and developed interactive console-based games including **Snake and Ladder**, **Tic-Tac-Toe**, and **Chess** using Java and Object-Oriented Programming (OOP) principles.
- Implemented core OOP concepts such as **encapsulation**, **polymorphism**, **abstraction**, and **inheritance** to create modular, scalable, and maintainable code.
- Engineered game logic and turn-based mechanics, ensuring seamless user experience and efficient gameplay execution.

## Skills

- . Java
- . HTML, CSS, JavaScript, React JS, Tailwind CSS
- . Object Oriented Programming, JDBC
- . Data Structures and Algorithms, Problem Solving Skills

## Education

### Bannari Amman Institute of Technology

Bachelor of Engineering in Computer Science

Erode, TN

2019-2023

**Relevant Courses:** Computer Networks, Operating System, Database Management System