

# Akhilan A

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📍 Chennai

in [LinkedIn](#)

## CAREER OBJECTIVE

Software Developer with 1+ year of experience building and maintaining scalable web applications using MEAN stack (MongoDB, Express.js, Angular, Node.js). Experienced in integrating Machine Learning models and applying NLP techniques for data-driven applications. Skilled in working with both relational and NoSQL databases like MySQL and MongoDB. Known for delivering high-performance solutions while focusing on user experience and code optimization.

## KEY SKILLS

**Programming Languages:** Java | Python | **Databases:** Firebase | MySQL | MongoDB

**Frameworks:** Angular | Bootstrap | Node.js | Express.js | Spring Boot

**Data Science:** Machine Learning | Deep Learning | Natural Language Processing (NLP) | Data Structures

## WORK EXPERIENCE

**Software Engineer**

April '24 - Present

Chennai

**LTIMindtre**

- Designed and developed a full-stack booking system using **Java, Spring Boot, and Angular**, improving booking efficiency by 25% and user engagement by 20%
- Built and optimized RESTful APIs with **Spring Boot** and integrated **MySQL**, reducing backend response time by 30%
- Implemented real-time email updates via **EmailJS**, leading to a 35% drop in booking-related queries and boosting customer satisfaction by 15%

## PROJECTS

*Project: Soluu. Blog Web Application (Jan 2025 – Feb 2025)*

- Developed a full-stack blog web application that allowed users to create, read, update, and delete blog posts, resulting in a 30% increase in user engagement.
- Integrated image upload functionality and authentication using JWT, enhancing security and boosting user retention by 25%.
- Implemented a natural language processing algorithm to suggest related blog posts based on content similarity, increasing page views per session by 40%.
- Integrated Email JS to send email notifications to all users whenever a new blog post is published, improving user interaction and awareness.
- Tech Stack:** Node.js, Express.js, MongoDB, Angular, Bootstrap, EmailJS.

*Project: Conway Chat Application (Mar 2025 – Apr 2025)*

- Designed and developed a real-time chat application with private, group, and broadcast messaging, increasing user activity by 35%.
- Utilized Socket.IO for real-time messaging and incorporated typing indicators, enhancing user satisfaction and interaction by 25%.
- Enabled file/image sharing and fortified security with JWT authentication, driving a 20% increase in feature adoption.
- Tech Stack:** Node.js, Express.js, Socket.IO, MongoDB, Angular.

## CERTIFICATIONS

- Advanced Certification in Data Science and AI | SQL Course | Python Training - Intellipaat
- OCP Java 11 Certification | NPTEL Data Structures and Algorithm with Java

## EDUCATION

**Bachelor Of Technology: Computer Science Engineering | Specialized in Cybersecurity and Internet of Things**

Sri Ramachandra Engineering And Technology

Aug '19 - Jul '23

CGPA: 8.6