

# Karthik Mangineni

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## Objective

Seeking a Software Engineering Internship where I can apply my expertise in Java, Angular, and database management while contributing to innovative software solutions in a fast-paced, team-oriented environment.

## Education

### Master of Science in Computer Science

Saint Louis University | Expected Graduation: Dec 2025

CGPA: 3.7/4.0

### Bachelor of Technology in Computer Science

Swarnandhra College of Engineering and Technology | Graduated: May 2023

CGPA: 3.54/4.0

## Technical Skills

- Programming Languages: Java, JavaScript, TypeScript, Dart
- Front-End: Angular, React, React Native, Flutter, HTML5, CSS3
- Back-End: Spring, Spring Boot, Log4j, RESTful APIs, Hibernate
- Databases: MySQL, PostgreSQL
- Version Control System: Git
- Tools: GitHub, Postman, Eclipse, Visual Studio Code, IntelliJ
- Testing: JUnit, Jest

## Work Experience

**Technical Lead** | Open Source with SLU — Saint Louis University

Aug 2024 - Present

- Led the development of the “[Where's Religion](#)” mobile application using React Native and Expo.
- Managed a team of 3 developers to deliver features such as media uploads, UI/UX improvements, and backend optimizations.
- Implemented RESTful backend APIs using Spring Boot.
- Conducted code reviews and mentored junior developers.

## **Trainee Software Engineer** | TecheFolks — Hyderabad, India

Dec 2022 - Jun 2023

- Built and deployed Unaga mobile applications using Flutter, increasing user engagement by 25%.
- Assisted in developing RESTful backend APIs using Spring Boot.
- Collaborated with the team on debugging, UI testing, and performance optimization.

## **Personal Projects**

### **Weather App** (Angular, Public API)

- Fetches real-time weather data, including temperature, humidity, and wind speed.
- Explores API integration, state management, and UI updates.
- Includes a responsive search feature for retrieving weather details by location.

### **News** (Angular, Public API)

- Dynamically retrieves and displays the latest news articles.
- Built to learn component-based architecture, API integration, and state management.
- Ensures users stay updated with real-time news.

### **ID Card Generator** (React, PostgreSQL)

- Allows users to select an ID card template, upload a CSV file with user details, and add images.
- Generates ID cards as PDF previews, with each page containing one ID card.
- Focuses on file handling, data management, and UI generation.

### **LiveShoper Admin** (React, Front-End Only)

- Enables admins to log in, manage orders/products, and send user notifications.
- Exclusively developed the front-end UI.

### **Grocer** (React Native, Spring Boot, PostgreSQL, Google Maps API)

- Online grocery platform allowing users to purchase groceries quickly.
- Integrated real-time location services via Google Maps API.
- Developed with React Native, Spring Boot, and RESTful APIs.