

# PATHI TEJA VENKATA SAI

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## OBJECTIVE

Seeking a challenging position in Software Engineering to leverage my expertise in data structures, algorithms, and backend programming. Aiming to contribute to innovative projects at the intersection of customer data platforms and practical problem-solving in various fields.

## EDUCATION

- Acharya Nagarjuna University** 2021 - 2024  
B.Sc Computer Science Guntur, India
  - CGPA: 9/10.00
- Sri Gowthami Junior College** 2019 - 2021  
HSC Darsi, India
  - Percentage: 98
- SVRM High School** 2018 - 2019  
SSC Darsi, India
  - Percentage: 95

## PROJECTS

- Review Desk: A Peer Review Platform for Final year Project** Feb 2025 – Apr 2025  
*Tools: React, Node.js, Express, MongoDB, Firebase(Authentication and DataStore)* 
  - Developed a full-stack web application that facilitates structured Final year project review system among students and faculty.
  - Implemented role-based access control to manage permissions for students, Project Guides, HOD, and admins.
  - Integrated MongoDB for structured data storage and implemented RESTful APIs with Express.js for CRUD operations.
- A full-stack web application that facilitates communication between student and lecturer** March 2025  
*Tools: React, Node.js, Express, MongoDB, Firebase* 
  - Developed a full-stack web application that facilitates communication between Students and Lecturer regarding internal marks.
  - Implemented MongoDB to store student marks and fetch those marks in real time
  - Created a chat feature between student and Lecturer for clarification regarding internal marks
- Language Translator: A React Native App for Translating and Offline Access** Jan 2025 - March 2025  
*Tools: React Native, Firebase(Authentication), AsyncStorage, Expo, JavaScript* 
  - Developed an Android mobile app to translate words and store user-specific vocabulary securely.
  - Implemented Firebase Authentication for secure user login and Firestore for saving downloaded words per user.
  - Integrated AsyncStorage for offline access, allowing users to view saved translations without internet.
  - Created a responsive UI with React Native and Expo to enhance user experience across Android devices.
- E-Commerce Price Tracker : A dynamic web application to monitor product prices from e-commerce sites** June 2025  
*Tools: React, JavaScript, Java, Spring Boot, Spring Security, MongoDB, Firebase Authentication, Jsoup* 
  - Developed a secure, scalable backend using Java and Spring Boot to manage user-specific product data stored in a MongoDB database
  - Engineered a responsive frontend with React, integrating Firebase Authentication for robust user login.
  - Implemented a core price monitoring feature using the Jsoup library for web scraping and created automated, scheduled tasks with Spring Boot

## SKILLS

- Programming Languages:** Java(Moderate), Python(Beginner)
- Web Technologies:** HTML, JS, React
- Database Systems:** Mysql, MongoDB
- Other Tools & Technologies:** Data Structures and Algorithms, Git, Expo Go

## CERTIFICATIONS

- Geeks for Geeks: JavaScript** July 2025
- Geeks for Geeks: Python** June 2025

## ADDITIONAL INFORMATION

**Languages:** English (Proficient), Telugu (Native), Hindi (Proficient), Tamil(Elementary)

**Interests:** Cycling, Listening Music, Problem Solving