

# Deepthi Sree Sampathirao

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## EDUCATION

### University of North Carolina Charlotte

Master's of Science in Computer Science GPA:4.0

Charlotte,NC

Aug 2024 – Dec 2026

### Aditya Institute of Technology and Management

Bachelor's in Technology Computer Science GPA:3.86

AP, India

Aug. 2017 – July 2021

## EXPERIENCE

### Software Engineering Analyst

Accenture Solutions Pvt Ltd

March 2023 – July 2024

Hyderabad,Telangana, India

- Developed and enhanced features for a high-traffic survey applications using React, FastAPI, and Python,improving performance and scalability for 100K+ users
- Addressed a frontend bundle size issue ( 1.5MB), cutting load time by 3 seconds through dynamic imports
- Implemented a job scheduler for pulling the latest logs, recomputing aggregates, or syncing external data that previously required someone to run a script early hours once in a week before the start of business hours .
- Actively participated in daily code concaves, contributing to architectural discussions, code reviews, and best practices to improve code quality and maintainability.

### Application Development Associate

Accenture Solutions Pvt Ltd

October 2021 – March 2023

Hyderabad,Telangana, India

- Worked on to clean up inconsistent UI spacing and styles using Bootstrap,CSS — made the application feel more consistent
- Joined bug triage meetings regularly and picked up smaller bugs no one had time for — fixed issues like incorrect validation messages or button glitches,setting up alerts for crtical pipelines failures
- Took notes during daily standups for 2 weeks while the team lead was away, helped keep everyone aligned

## PROJECTS

### Deepthi Chess Game | Java Script,React,HTML,CSS,AI,Alpha-Beta Pruning,

Mar 2025 - Apr 2025

- Developed a chess game as part of Course Work using React,Java Script,HTML,CSS which is a two player format where one of the player is AI
- Implemented Alpha-Beta pruning in AI using min-max algorithm helps effectively for an adversial search without effecting an outcome.Scored highest among 60 students in class for effective implementation

### FoodMunch | Azure Devops,terraform,Azure functions,Cloud Infrastructure,Git

Aug 2024 – Sep 2024

- Developed a CI/CD pipeline in Azure DevOps for the FoodMunch website, automating deployment across Dev and QAT environments and managing application releases efficiently.
- Provisioned cloud infrastructure using Terraform, setting up LRS and GRS storage accounts and deploying APIs to manage order and customer data in Cosmos DB.

### To-Do List | Java Script,HTML,CSS

June 2024- July 2024

- Designed a to-do list web application in HTML with BOOTSTRAP CSS a responsive UI making the user to add, save and edit tasks easily
- Added the JavaScript to handle tasks where tasks lists are stored and retrieved in local storage whenever a session is active and setting up event related to the addition and display of tasks on the page.

## TECHNICAL SKILLS

React, Node.js, Flask,JavaScript,SQL (Postgres), HTML,CSS,Bootstrap,C++,Java,AWS,Azure Devops,Azure Databricks,AWS EKS,Shell Scripting,Linux

## CERTIFICATION

Microsoft Azure Fundamentals (AZ-900)-Microsoft Certified(No Expiry)

## AWARDS

ACE Award-Accenture Solution Private limited (Dec 2022)

SAP Beginners Award-Accenture Solution Private limited(May 2022)