# CHILUKURI GOURI SHANKER REDDY

## Software Engineer Intern

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📍 Hyderabad, India

## EXPERIENCE

### Machine Learning for Data Prediction (Hackathon project)

**Amazon**

📅 09/2024 - 09/2024  📍 Hyderabad

- **Developed** a sophisticated **machine learning** model to predict **missing information** in **large datasets**
- Utilized **Python, Pandas, and Scikit-learn** to process and analyze bulk data, demonstrating proficiency in **data science** techniques
- **Implemented** feature engineering and selection methods to improve **model accuracy** and **efficiency**
- **Attained 85% prediction accuracy** on test data, showcasing strong analytical and problem-solving skills

### Algorithmic Trading Bot (Hackathon Project)

**In Campus**

📅 07/2023 - 07/2023  📍 Hyderabad

- **Developed** an innovative **trading algorithm** leveraging historical **stock data** and **sentiment analysis** from social media
- Utilized **Python, pandas, and NLTK** for data processing and natural language processing tasks
- **Attained 15%** better returns compared to buy-and-hold strategy in backtesting, showcasing skills in **financial analysis and machine learning**

### Google Chrome Built-in AI Challenge

**Google**

📅 10/2024 - Present  📍 Hyderbad

- Building a **Chrome extension** to **summarize emails** and generate **AI replies**.
- Enabling users to **edit** and **send replies**, handling up to **1,000+ API calls** per day.

## PROJECTS

### Full-Stack E-Commerce Platform

📅 05/2023  📍 Hyderabad

Developed a responsive e-commerce site with React, Node.js, and Redux, improving load time by 30% and data speed by 40%.

- **Developed** a responsive website using React.js, Node.js, and Express, which included **authentication**, a **product catalog**, a **shopping cart**, and **order processing** features.
- **Managed** state effectively with Redux and **integrated** RESTful APIs to streamline communication between the frontend and backend.

### Weather Forecast Dashboard

📅 08/2023  📍 Hyderabad

Created an interactive dashboard with JavaScript, optimizing API calls by 40%.

- **Created** an interactive dashboard using JavaScript and OpenWeatherMap API, which provided real-time weather updates and **reduced API calls by 40%**.
- **Collaborated** within an Agile team to complete development sprints, contributing to timely project delivery.

### Personal Portfolio Website

📅 02/2024  📍 Hyderabad

https://shanker-0412.github.io/portfolio/

- **Developed** a responsive site using React.js, Bootstrap, and Three.js, achieving a **95+ PageSpeed Insights score**.
- **Implemented** CI/CD using GitHub Actions to streamline deployment.

## EDUCATION

### CSE-AIML

**Guru Nanak Institutions**

📅 10/2022 - 05/2026

## LANGUAGES

**English**
Native  ●●●●●

**Hindi**
Native  ●●●●●

**Telugu**
Native  ●●●●●

## SKILLS

Agile | Agile Methodologies

Algorithms | API | API Design

Bootstrap | Chai | CI/CD | CSS3

Data Science | Data Structures

Data Structures And Algorithms

Database Management | Deep Learning

Devops | Docker | Express.js

Feature Engineering | Python | C++

C | Financial Analysis | Git | Github

Github Actions | HTML5 | Java

Java Spring | Javascript | Jenkins

Junit | JWT | Machine Learning

Microservices

Microservices Architecture | Mocha

Mockito | Mongodb | Mysql

Natural Language Processing

Neural Networks | NLTK | Node.js

## TRAINING / COURSES

**Full Stack Web Development**
Udemy

# PROJECTS

## Job Application Tracker (Browser Extension)

📅 03/2024   📍 Hyderabad

Built a job tracking extension with a secure back-end and intuitive UI, reducing API calls by 60% for 100+ users.

- **Developed** a browser extension to automate job application tracking, reducing API calls by **60%**.
- **Created** an intuitive user interface and **implemented** secure back-end features, supporting **100+ users** effectively.

## RESTful API for Content Management

📅 05/2024   📍 Hyderabad

Developed a scalable Node.js API with JWT authentication and 90% test coverage using Mocha and Chai.

- **Designed** a scalable API using Node.js, Express, and MongoDB, supporting **JWT authentication**.
- **Achieved 90% test coverage** using Mocha and Chai to ensure code quality.

## Library Management System

📅 07/2024   📍 Hyderabad

Built a Java Spring Boot system with microservices and 80%+ code coverage.

- Built a system using **Java Spring Boot** and **MySQL** with a **microservices architecture**.
- Achieved **80%+ code coverage** using **JUnit** and **Mockito** testing.

# KEY ACHIEVEMENTS

💎 **Your Achievement**

- **2nd place**, University-level Coding Marathon (2023)
- Ranked **194** in **Amazon ML hackathon** of total participation list 1,50,000+ (2024)
- Ranked in the top **10%** on **LeetCode** (200+ problems solved)

# FIND ME ONLINE

**GitHub**
Shanker-0412

**LinkedIn**
www.linkedin.com/in/shanker0412/