

SONTI GANESH

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CAREER SUMMARY

Motivated and detail-oriented **Master's in Computer Science** student at **Andhra University**, with a strong foundation in **Java, Spring Boot, AI, and Data Science**. Passionate about developing innovative and scalable solutions, with hands-on experience in **AI-powered code review systems, IPL score prediction, and online job platforms**. Completed a **Data Science Internship at Code Clause**, working on **machine learning models and data analytics** using **Tableau**. Currently expanding my expertise in **Spring Boot, Kubernetes, and AI integration**. Seeking an opportunity to leverage my technical skills and problem-solving abilities in a challenging and dynamic environment.

TECHNICAL SKILLS

Java | Python | JavaScript | Data analysis | React | MySQL | Machine Learning | Spring Boot |

PROJECTS & INTERNSHIPS

AI POWERED CODE REVIEW SYSTEM

FEB 2025 – present

Developed an **AI-powered code review system** using **Java, Spring Boot, React.js, and OpenAI API** to automate code analysis and provide intelligent feedback. The system evaluates **code quality, structure, efficiency, and best practices**, helping developers enhance their coding standards.

◆ Key Features:

- **Automated Code Analysis:** Uses AI models from **OpenAI API** and **Hugging Face** to detect syntax errors, performance issues, and security vulnerabilities.
- **REST API with Spring Boot:** Designed a **Spring Boot-based REST API** to process code submissions and return AI-generated suggestions.
- **AI-Powered Feedback:** Provides recommendations for **code optimization, bug fixes, and adherence to best practices**.
- **React.js Frontend:** Built an interactive **web-based UI** for users to submit and review code with real-time AI feedback.
- **Scalability & Performance:** Optimized request handling and API integration for **fast and efficient processing**.

◆ Technologies Used:

Backend: Java, Spring Boot, OpenAI API, Hugging Face API

Frontend: React.js, HTML, CSS

Other Tools: Postman (for API testing), GitHub (for version control)

REACT BASED MOVIE WATCHLIST

Nov 2024 – Jan 2025

Developed a **React-based movie watchlist application** that allows users to **browse, search, and manage their favorite movies**. The app provides an interactive and user-friendly experience for tracking movies users want to watch or have already seen.

◆ Key Features:

- **Movie Search & Browse:** Fetches movie details from an API (TMDb) to display popular and trending movies.
- **Watchlist Management:** Users can **add, remove, and organize movies** in their personalized watchlist.
- **Local Storage Integration:** Ensures movie watchlists are **saved persistently** even after page reloads.
- **Responsive UI:** Designed an **intuitive and mobile-friendly** user interface using React and Tailwind CSS.
- **API Integration:** Implemented real-time movie data fetching for an updated movie catalog.

◆ Technologies Used:

Frontend: React.js, Tailwind CSS

API: The Movie Database (TMDb) API

State Management: React Hooks, Context API

IPL SCORE PREDICTION USING ML | Codegnan IT Solutions | Vijayawada

Feb 2023 – Jun 2023

Developed a **machine learning model** to predict IPL match scores based on historical data, team performance, and match conditions. The project aimed to provide **data-driven insights** to forecast potential match outcomes.

◆ Key Features:

- **Data Collection & Preprocessing:** Gathered and cleaned IPL match data for training the ML model.
- **Feature Engineering:** Extracted key features like team statistics, venue conditions, and player performance.
- **Machine Learning Model:** Implemented regression models (Linear Regression, Random Forest) to predict match scores.
- **Model Evaluation:** Optimized accuracy using **hyperparameter tuning** and cross-validation.
- **Data Visualization:** Created insights using **Matplotlib, Seaborn, and Tableau** for better analysis.

◆ **Technologies Used:**

Programming: Python (Pandas, NumPy, Scikit-learn)

ML Algorithms: Linear Regression, Random Forest

Visualization: Matplotlib, Seaborn, Tableau

Tools: Jupyter Notebook

ONLINE JOB PORTAL WEBSITE

Apr 2022 – Jun 2022

Developed an **Online Job Portal** to connect job seekers with employers, enabling seamless job searching, applications, and recruitment processes. The platform allows users to create profiles, search for jobs, and apply online while enabling employers to post job openings and manage applicants.

◆ **Key Features:**

- **User Authentication:** Implemented secure **login/signup** functionality for job seekers and employers.
- **Job Search & Filtering:** Enabled users to **search jobs** based on categories, location, and company preferences.
- **Resume Upload & Profile Management:** Users can **upload resumes** and maintain professional profiles.
- **Employer Dashboard:** Employers can **post job listings**, review applications, and shortlist candidates.
- **Application Tracking:** Job seekers can **track application status** and receive notifications.

◆ **Technologies Used:**

Frontend: HTML, CSS, JavaScript, React.js

Backend: Java, Spring Boot

Database: MySQL

Authentication: Firebase

EDUCATION

🎓 Master of Computer Science

Andhra University, Visakhapatnam | 2023 - 2025

🎓 Bachelor of Computer Science

PB Siddhartha College of Arts and Science, Vijayawada | 2020 – 2023

🎓 Intermediate (10+2) - MPC Stream

Pragati Junior College, Kothavalasa | 2018 - 2020

🎓 Secondary School (10th Grade)

Jesus Public School, Veerankilock | 2017 - 2018

CERTIFICATIONS

Java Explorer – Oracle | 2024

Google Data Analytics – Google | 2024

IBM Data Science – IBM | 2024