

AKKINENI CHARAN SAI

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Career Objective

Dedicated Full Stack Developer skilled in Java and web technologies, passionate about building impactful software solutions. Seeking opportunities to contribute to dynamic development teams while continually growing in modern tech stacks.

Education

Bachelor of Technology in Electronics and Communication Engineering

Sir C.R. Reddy College of Engineering, Eluru

2020 – 2024

Intermediate (MPC)

Aditya Junior College, Rajahmundry

2018 – 2020

Secondary School Education

Bhashyam High School, Rajahmundry

CGPA: 9.7

2017 – 2018

Projects

Student Management System (Java, Servlets, JSP, JDBC, MySQL, HTML, CSS)

- Developed a web-based student management system using Java Servlets, JSP, and JDBC with MySQL for database interaction.
- Implemented full CRUD functionality, including student registration, updating, deletion, and listing.
- Followed the MVC design pattern for structured code with a clear separation of concerns between view, controller, and data layers.
- Used HTML and CSS to design JSP forms for student data entry with input validations and clean UI layout.
- Ensured proper error handling and modular Java coding for maintainability and extensibility.

Metro Console-Based Project (Java, OOP)

- Developed a Java-based console application simulating a metro travel system using Object-Oriented Programming principles.
- Enabled users to view metro lines, validate source and destination stations, and calculate fare based on distance.
- Designed an interactive, menu-driven interface for enhanced user experience.
- Strengthened proficiency in Java, data handling, and logical implementation through real-time scenario simulation.

Cardiovascular Risk Prediction Using Retinal Fundus Imaging and ECG Signals

- Created a model that combines retinal fundus photography and ECG signals to predict cardiovascular risks.
- CNNs were used to analyze images and RNNs to process ECG signals, achieving high accuracy.

Technical Skills

Programming Languages: Java, HTML, CSS.

Databases: MySQL.

Version Control: Git, GitHub.

Developer Tools: Eclipse, IntelliJ, Visual Studio.

Certifications

- NPTEL Certification in Cyber Security.
- Completed a Java Full Stack Certification from CV CORP.
- Completed MySQL certification from Udemy.

Achievements

- Won the college-level cricket tournament, showcasing teamwork, strategy, and sportsmanship.
- Participated in college-level cultural events, showcasing communication and teamwork skills.