ARUTLA SAI KALYAN

+91 8919098112 | kalyan.arutla@gmail.com | LinkedIn | GitHub

SUMMARY

Computer Science undergraduate with a CGPA of 9.6, strong in AI, Machine Learning, and Full-Stack Development. Experienced in building intelligent systems using Python, TensorFlow, and Scikit-learn, as well as scalable web applications with Spring Boot, Node.js, and React.js. Proficient in Java, Python, JavaScript, and well-versed in DSA, OOP, CNNs, and REST APIs. Skilled with MySQL, MongoDB, Git, and Postman. A collaborative team player with strong problem-solving and leadership abilities.

EDUCATION

KL UNIVERSITY   Hyderabad, Telangana

B.Tech in Computer Science Engineering   *CGPA: 9.6*

ALPHORES JUNIOR COLLEGE   Warangal, Telangana

Higher Secondary Education   *96%*

SAINT AGNES HIGH SCHOOL   Khammam, Telangana

Schooling   *CGPA: 10*

TECHNICAL SKILLS

Programming Languages : Java, Python, C, JavaScript, SQL

Web/Frameworks : HTML5, CSS3, Bootstrap, RESTful APIs / React.js, Node.js, Spring Boot

Core concepts : Operating System, Data Structures, OOPS, Machine Learning, Convolutional Neural Networks, Deep Learning, Object Detection, Microservices, Cloud Computing, Computer vision

Database : MySQL, MongoDB

Tools : Git, Figma, Postman, AWS EC2, AWS AppSync, AWS CloudFront, JIRA, KANBAN, Flask.

EXPERIENCE

FREELANCER - MERN STACK DEVELOPER   April - June 2025

Shri Shivaramanjaneya Temple | Hyderabad, India   Duration - 3 Months

- Developed and deployed a full-stack website for a religious organization using React.js, Node.js, Express, and MongoDB; collaborated directly with stakeholders to gather requirements and implement key features.

GOOGLE AI – ML INTERNSHIP   July - September 2024

Certificate ID :7e632419c7086868280438b662428c7e   Duration: 10 Weeks

- Completed Google-AICTE AI/ML internship; built predictive models using Python libraries (NumPy, Pandas, Sklearn) and explored key ML techniques like regression, classification, Exploratory Data Analysis and clustering,

PROJECTS

JOB PORTAL – SPRING BOOT

A full-stack website that connects job seekers with employment opportunities and helps recruiters find talented candidates.

- Built a full-stack job portal using Spring Boot (Spring MVC, Spring Security, Spring Data JPA) and JDBC for backend and HTML, CSS, Bootstrap for frontend.
- Integrated MySQL to manage user profiles, job listings, and applications, ensuring secure transactions.
- Implemented JWT-based authentication, role-based access control, and secure user management.

PORTFOLIO WEBSITE - REACT JS

A portfolio website showcasing skills, projects, and experience professionally.

- Developed a personal portfolio website using ReactJS to showcase projects, skills, and experience in an interactive and responsive manner.
- Structured the website into four key sections: About, Experience, Projects, and Contact, providing clear navigation and content accessibility.
- Designed the layout with Figma for a mobile-first, responsive design that adapts seamlessly to different screen sizes and devices.

MENTOR MANAGEMENT BACKEND – NODE.JS

The Mentor Management Backend Service is a robust Node.js and Express.js application designed to facilitate seamless mentor-mentee interactions.

- Developed a RESTful API for secure contact management using Node.js, Express.js, MongoDB.
- Implemented JWT authentication and bcrypt encryption for security.
- Mentor can retrieve data of Mentees, Mentee can be assigned to Mentor.
- Ensured 100% API reliability by handling errors and validating user inputs.

INSURANCE PREDICTION – MACHINE LEARNING

A Machine learning Model which predicts insurance premium using different Machine learning algorithms.

- Developed a predictive model using Linear Regression, Gradient Boosting, XGBoost, Decision Tree, and Random Forest.
- Conducted Exploratory Data Analysis (EDA) using Seaborn & Plotly, identifying key patterns.
- Improved model accuracy by best percentage through feature engineering and hyperparameter tuning..

CERTIFICATIONS

MongoDB Associate developer

Redhat Enterprise Developer

RPA Advanced Automation Certification

SOFT SKILLS

- **Problem-Solving:** Optimized job portal API, reducing response time by lowest time.
- **Teamwork & Collaboration:** Worked with cross-functional teams in Google AI internship.
- **Leadership**: Led a team of all my college project teams.
- Time Management: Prioritizes tasks effectively to meet deadlines. How can i minimize this