

VANGALA SIVALAKSHMI

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PROFESSIONAL SUMMARY

Entry-Level Software Developer with Strong expertise in full-stack development and Machine Learning. Proven track record building scalable applications using React.js, Node.js, Python, and MySQL. Skilled in developing predictive models with LSTM, ARIMA, and SARIMA. Delivered projects improving system efficiency by 30% and prediction accuracy by 15%. Strong foundation in RESTful APIs, database optimization, and data structures.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, HTML, CSS, SQL

Frontend Technologies: React.js, Tailwind CSS, Responsive Web Design

Backend Technologies: Node.js, Express.js, RESTful APIs, CRUD Operations

Database: MySQL, SQL, Database Design

Data Analysis & ML: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Machine Learning Algorithms

Core Competencies: Object-Oriented Programming (OOP), Data Structures, Algorithms, Problem Solving, Agile/Scrum Methodology, Full-Stack Development, Authentication & Authorization, JSON, API Development

Tools & Platforms: Git, GitHub, VS Code, Postman.

SOFT SKILLS

Problem Solving, Team Collaboration, Quick Learner, Communication

EDUCATION

Bachelor of Technology in Computer Science and Engineering

2020 – 2024

YSR Engineering College of Yogi Vemana University

CGPA: 7.89/10

Intermediate Education, MPC

2018 – 2020

Narayana Junior College

CGPA: 9.8/10

WORK EXPERIENCE

Data Curation Virtual Intern - Machine Learning

2023

AI/ML Training Data Provider [DURANC Company]

Remote

– Labeled and annotated 2,000+ images for machine learning datasets using annotation tools, supporting AI model training for Object detection and classification tasks.

– Achieved 95%+ data accuracy through rigorous validation and quality control, reducing dataset errors and improving model reliability by 20%.

– Collaborated with remote teams to enhance dataset quality standards, accelerating preparation timelines by 25%.

PROJECTS

Netflix Stock Forecasting System — Python, LSTM, ARIMA, SARIMA, Deep Learning

- Developed a multi-model time-series forecasting system using LSTM, ARIMA, and SARIMA to analyze 5+ years of Netflix stock data and predict future price trends.
- Processed and normalized 1,000+ data points using pandas and NumPy, refined model stability and reduced training time by 30%.
- Enhanced prediction accuracy by 15% through hyper parameter tuning and dropout regularization, strengthening forecasting reliability.

Smart Job Portal & ATS — React.js, Node.js, Express.js, MySQL, JWT

- Built a full-stack job portal with 3 user roles using React.js and Node.js, boosting recruitment workflow efficiency by 30%.
- Implemented JWT-based authentication, securing 100+ users, reducing unauthorized access by 40%.
- Developed 10+ RESTful APIs using Express.js for job management, improving system response time by 25%.
- Integrated resume keyword matching with MySQL, increasing candidate shortlisting accuracy by 20%.

University Course Registration Portal — HTML5, CSS3, JavaScript, PHP, Google Apps Script

- Designed responsive university registration system used by 100+ students, improving registration completion by 70%.
- Implemented a PHP backend with Google Apps Script for real-time data storage, processing 500+ registrations.
- Optimized layouts for cross-browser compatibility, reducing page load times by 40% and UX by 30%.

CERTIFICATIONS

- Cloud Computing and Big Data – SWAYAM NPTEL
- Web Development Certificate – Internpe
- Simplilearn – Introduction to Artificial Intelligence.