Devarapu Akhil

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SUMMARY

Full-Stack Developer skilled in the MERN stack (MongoDB, Express.js, React.js, Node.js), building responsive and scalable web apps. Experienced in API integration, backend services, and clean UI design having DSA(c++). Exploring Generative AI tools to enhance modern web development. Strong problem solving mindset with a focus on performance and collaboration.

WORK EXPERIENCE

Software Developer and Instructor   March 2025 - present

Driving web development projects using the MERN stack while mentoring aspiring developers in full-stack technologies and emerging Generative AI tools.

PROJECTS

Predicting salary of an Employee using ML   **April 2024**

- **D**eveloped a machine learning-based application to predict fair and competitive salaries for newly hired employees.
- **A**pplied statistical methods and hypothesis testing to evaluate model accuracy and reliability.
- **I**mplemented and compared multiple regression models including Linear Regression, KNN, Decision Trees, and Ensemble techniques like Bagging, Boosting, and Random Forest.
- **I**dentified the most effective model based on performance metrics for accurate salary prediction.
- **B**uilt a user-friendly Streamlit interface for easy access by HR professionals and job seekers.
- **Drive link :** Drive link

EDUCATION

Bachelor of Information Technology   2020 – 2024
– Vasireddy Venkatadri Institute of Technology

12th Board of Intermediate   2018 – 2020
– Sri Chaitanya Junior College

SKILLS

Technical Skills: HTML, CSS, JavaScript,React js,Node.js, Express.js, MongoDB,sql

Soft Skills: Communication Skills, Team Management

Hard Skills: MERN stack, Web Development, Database Management, Software Development, Version Contro

Fundamentals: AI/ML,Blockchain,Cloud Computing,Devops