RAVIN TEJA CHILUKAMARI

BACKEND DEVELOPER | DEVOPS ENGINEER | FULL STACK WEB DEVELOPER

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SKILLS

Front End: HTML,CSS,JavaScript,React.js,Next.js

Back End: Node.JS,Java,SpringBoot,Python,Django

Database: SQL,MongoDB, MySQL, PostgreSQL

CI/CD Tools: Jenkins,Github Actions

Test Automation: Jest, Selenium

DevOps Tools: Git,GItHub,Docker

Machine Learning, Azure, Machine Learning Model Deployment, REST, Web Services.

EDUCATION

National Institute of Technology, Andhra Pradesh, INDIA — Expected May 2023

Bachelor of Technology(B.Tech), Major in Computer Science Engineering — CGPA - 7.4

PROJECTS

Personal Portfolio Website code website
- Developed the Portfolio Website using an iterative and meticulous approach. This involved modern design implementation, responsive development, and continuous integration to showcase technical expertise and proficiency in web development.
- Utilized HTML, CSS, and JavaScript with React.js, tailwind css, framer motion to build a responsive and user-friendly portfolio website.
- Created a modular and maintainable codebase for future updates and enhancements.

Outing System code
- Led the idea of transition to a paperless practice by implementing an Outing system for 3000+ students and 50+ administrators , a faster, safer and more accurate outing; reduced cost of paper by 90% and office overhead by 30%
- Crafted production-grade MERN stack application using ReactJS, tailwind css, PostgreSQL, Node.js, and Express.js, lead a team of 2, with functional components, achieving responsiveness and optimized performance with caching and server optimization.
- Implemented a streamlined continuous integration and deployment (CI/CD) process, resulting in a 50% reduction in release time, showcasing efficient workflow management and optimization skills..
- Implemented innovative QR code technology to generate unique QR codes for student registration and enable staff members to efficiently mark attendance through QR code scanning, showcasing a forward-thinking approach to client-server communication

Employee Management System code
- Led the idea of transition to a paperless practice by implementing an Employee management system for 180+ employees, a faster, safer and more accurate outing; reduced cost of paper by 80% and office overhead by 20%.
- Utilized a systematic process encompassing requirement analysis, technology selection, system design, implementation, testing, deployment, integration, collaboration, and communication demonstrating strong technical acumen and a user-centric design approach
- Employee portal with secure authentication, leave management, attendance tracking, and performance evaluations.
- Created use cases and UML diagrams - activity, sequence and class - using Visio in line with product goals

PROFESSIONAL EXPERIENCE

Google   AUG 2022 – OCT 2022
Intern
- Acquiring advanced knowledge in Deep Learning through Coursera's specialization course by Andrew Ng
- Developed skills in data preprocessing, feature engineering, and model evaluation for optimal performance
- Utilized popular deep learning frameworks such as TensorFlow and Keras to implement and train models

University of Finland/Bit Silica   MAY 2022 – JULY 2022
Research Intern
- Learned Design and development stages of the AI recommendation engine from scratch.
- Developed REST API for efficient deployment of Machine Learning models, showcasing proficiency in backend development
- Leveraged Django for backend development and Docker for efficient deployment, demonstrating technical proficiency and adaptability

Verzeo/Microsoft   2016 – 2020
Student Intern
- Successfully deployed a website using Azure cloud, demonstrating proficiency in cloud-based solutions
- Build a static website using HTML, CSS and Javascript and then hosted using Virtual Machine on Azure Cloud.

POSITION OF RESPONSIBILITY

Resource Hub of NIT AP   JAN 2020 – APRIL 2023
Student Development Coordinator
- Initiated a resourceful forum for students in collaboration with the Alumni Team of NIT AP, demonstrating initiative and commitment to student development
- Successfully built a strong online presence with a follower base of 1450+ on Instagram, showcasing effective social media management and community building skills.

Entrepreneurship and Innovation cell   AUG 2020 – OCT 2020
Executive Member
- Led a dynamic team of 22, successfully organizing 5 webinars with renowned entrepreneurs, demonstrating leadership and effective communication skills.
- Achieved record-breaking webinar attendance, averaging 200+ participants per session, setting a new benchmark for club events in our college.

ACHIEVEMENTS AND CERTIFICATION

- **GATE 2022 -** All INDIA Rank **1375(AIR)**
- **FreecodeCamp Certification Of Web Development**
- **NVIDIA Fundamentals of Deep Learning**