Vutukuri Vijaya Lakshmi

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SUMMARY

Adaptable and skilled IT student with hands-on experience in developing responsive and scalable web applications using ReactJS, HTML, CSS, and JavaScript. Strong focus on ensuring the technical feasibility of UI/UX designs, optimizing application performance and scalability, and collaborating effectively with cross-functional teams. Adept at troubleshooting, debugging, and writing clean, maintainable code. Passionate about staying updated with emerging technologies and contributing to improving development processes through code reviews and adherence to best practices.

EDUCATION

- **KKR & KSR Institute of Technology and Sciences** — Guntur, India
  Bachelor of Technology - Information Technology; CGPA: 8.85 — 2021 - 2025

- **Modern Junior College of Arts & Sciences** — Chilakaluripet, India
  MPC Intermediate; Percentage: 95.3% — 2019 - 2021

- **Modern High School** — Chilakaluripet, India
  Secondary School Education; GPA: 9.8 — 2018 - 2019

PROGRAMMING SKILLS

- **Programming Languages**:   Python, JAVA
- **Frontend Development**: HTML,CSS,Javascript,ReactJS
- **Frontend Tools**:   Webpack, Babel
- **Design Principles**:   Responsive Design, Cross-Browser Compatibility
- **Version Control**: Git & Github
- **Databases**: RDBMS Concepts,SQL,MongoDB
- **Microservices & APIs:** : RESTful APIs, Node.js, Express.js
- **UI/UX** : Technical feasibility of designs, user experiences

SOFT SKILLS

- **Problem-Solving**: Adept at identifying, analyzing, and resolving issues quickly to ensure smooth application functionality.
- **Collaboration**: Strong cross-functional team collaboration to deliver project outcomes.
- **Attention to Detail**: Ensured code reliability and performance through precise testing and debugging.
- **Communication**: Skilled in ability to effectively communicate complex technical information to both technical and non-technical stakeholders.
- **Teamwork**: Strong ability to work as part of a diverse, cross-functional team to achieve common objectives.

EXPERIENCE

- **Front End developer** — Remote
  Student Intern - Learntricks.edutech — Feb 2024 - Mar 2024
  - Developed responsive, scalable websites using ReactJS, HTML, CSS, and JavaScript.
  - Troubleshooted and debugged issues to maintain smooth application performance.
  - Participated in code reviews, improving code quality and overall performance.

- **Web Developer** — Remote
  Student Intern-Bharath Intern
  - Designed and developed a full-stack web application using ReactJS and Node.js with a focus on code optimization and scalability.
  - Integrated RESTful APIs and applied unit testing to ensure system reliability.
  - Worked with Git for version control, managing codebase changes and collaborating with team members.

Projects

- **Moisture Detection In Sanitary Pads(Internet of Things)**:
  - The Moisture sensors embedded in the sanitary pads continuously monitor moisture levels. Once the predetermined limit is exceeded, a notification is instantly sent to the user's mobile device, ensuring timely and discreet awareness
  - Integrated real-time data monitoring with cloud services for effective storage and notification systems.
  - Focused on unit testing and debugging for robust system performance.

- **Care Taker website**: -2pt 5pt
  - Designed and developed a web application using ReactJS, HTML, CSS, and JavaScript, enabling users to connect with caretakers.
  - Integrated with databases like SQL and MongoDB to store user data securely.
  - Implemented RESTful APIs for communication between frontend and backend services.
  - Focused on UI/UX design to create a seamless and user-friendly experience.

Certifications

- Java - HackerRank (2024)
- Python Programming - HackerRank (2024)
- Programming in JAVA - NPTEL (2023)
- CSS - HackerRank (2024)
- SQL - Cognitive class.aI (2024)
- Git & Githhub - Courseera (2024)
- Cloud Core -Amazon Web Services training and certifications (2023)

Co-Curricular Activities

- **Innovation Club Coordinator:**: Spearheaded and executed over 10 successful events that focused on technological advancements, attracting an average of 100 participants per session while fostering a collaborative environment for knowledge sharing among peers..
- **Team Leader:**: Led a team in hackathons, overseeing project development and ensuring timely completion aligned with business objectives.

Extra Curricular Activities/Achievements

- participated in 36-hour Hackathon on Full Stack Development

Personal Details

- **Name**: Vutukuri Vijaya Lakshmi
- **Date of Birth**: 29/06/2004
- **Languages**: English, Telugu
- **Address**: Raganapalem, Chilakaluripet - 522616, Andhra Pradesh

Declaration

I hereby declare that the above information is true to the best of my knowledge.

Date:

Place: Chilakaluripet   V.Vijayalakshmi