Vutukuri Vijaya Lakshmi

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Career Objective

Ambitious and adaptable IT student with hands-on experience in developing scalable applications, microservices, and secure server components. Skilled in code design, code reviews, and providing technical support to ensure alignment with business objectives and software requirements. Adept at risk mitigation, seamless integration, and ensuring technology capabilities are fully utilized for optimized performance. Proven ability to communicate and influence cross-functional teams, while effectively resolving problems and contributing to design sessions. Strong at managing risk and delivering high-quality, secure coding practices to meet project goals. Eager to contribute to Barclays' Graduate Programmes by leveraging technical and interpersonal skills.

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,Javascript
- **GUI Development**: HTML, CSS, ReactJS
- **Cloud & Containerization**:   IBM Cloud, AWS (basic knowledge)
- **Design Principles**: Responsive Design, Cross-Browser Compatibility
- **Version Control**: Git & Github
- **Databases**: RDBMS Concepts,SQL(My SQL),MongoDB
- **Microservices & Server Components:** : RESTful APIs, Node.js, Express.js
- **Multithreaded Programming:** : Java,Python
- **Testing & Secure Coding::** Unit Testing, Functional Testing, Secure Coding Practices
- **Business Objectives::** Software development aligned with business needs
- **Technology Capabilities::** Utilization of cloud-based and containerization technologies

Soft Skills

- **Decision Making::** Expertise in making informed judgments based on technical data analysis and business needs.
- **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.
- **Take Responsibility:** : Takes ownership of code quality and functionality, ensuring projects meet all requirements.
- **Influence::** Able to guide and persuade team members to align with business and technical objectives.
- **Personal Skills::** Ability to build positive relationships with team members and communicate sensitive information with care.

Experience

- **Front End developer** — Remote
  Student Intern - Learntricks.edutech — *Feb 2024 - Mar 2024*
  Developed scalable and responsive websites using HTML, CSS, and JavaScript with a focus on GUI and code functionality.Provided support during the development process to ensure seamless integration of new features and alignment with software requirements.Conducted code reviews and collaborated in design sessions, contributing to the overall solution architecture.

- **Web Developer** — Remote
  Student Intern-Bharath Intern
  Designed and deployed a full-stack application, focusing on code design, performance optimization, and microservices architecture.Implemented unit testing and risk mitigation strategies to enhance system reliability.Facilitated knowledge sharing and worked closely with the team to ensure project deadlines and business objectives were met.

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 data storage and user notifications.Focused on code design, risk mitigation, and secure coding practices to ensure reliable data monitoring. Applied thorough unit testing to ensure functionality and reliability of the system.

- **Care Taker website**:
  Developed a user-friendly web application using microservices architecture, designed to bridge the gap between job seekers and those in need of caretaking services using front-end technologies like HTML, CSS, and JavaScript (React.js), and back-end frameworks like Node.js, . Integrated with databases such as SQL or MongoDB. Developed with Git for version control and RESTful APIs for seamless integration external service integration.Focused on risk mitigation by implementing secure user authentication and data protection mechanisms.Applied unit testing and code optimization techniques to ensure reliability and performance.

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:**: Managed and organized events focused on technology advancements and knowledge sharing.
- **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
- **Hobbies**: Problem-Solving,Creative Thinking
- **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