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https://github.com/BhavaniPrasad Morla1

BHAVANI PRASADMORLA

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8688632418

A versatile and results-driven professional with a strong background in software engineering, financial data analysis, and web development. With experience spanning from January 2023 to December 2024, I have demonstrated expertise in building and maintaining software solutions, analyzing complex financial data, and developing high-performing web applications. My skills include programming languages such as Python, React, and JavaScript, alongside proficiency in data analytics, financial modelling, and front-end web technologies.

I am passionate about leveraging my technical knowledge to solve real-world problems, optimize processes, and deliver value to teams and clients. My career goal is to continue enhancing my development skills while contributing to innovative projects in a dynamic work environment.

Work Experience

- **LEAPS, Bengaluru** — *Software Engineer*   June 2024 – December 2024

  - A highly motivated and adaptable Software Engineer with experience from June 2024 to December 2024 at LEAPS, where I specialized in web development and automation using Python, Django, HTML, CSS, and JavaScript.
  - My role involved developing innovative solutions for structural design processes, including the automation of designing main beams, tie beams, and columns in AutoCAD with Python, and subsequently visualizing and editing these designs in HTML
  - . I contributed to reducing project design time by 60%, significantly increasing efficiency. With a solid foundation in full-stack web development, I am passionate about building solutions that streamline workflows and deliver tangible improvements in productivity.

- **EY, Thiruvananthapuram** — Data Analyst   July 2023 – February 2024

  - As a Data Analyst at EY, I leverage my expertise in Excel and Alteryx to extract, analyze, and visualize financial data, enabling informed decision-making and strategic planning.
  - My responsibilities include: Data Preparation and Cleansing: Utilize Alteryx to automate data preparation tasks, including data cleansing, transformation, and enrichment, ensuring data accuracy and consistency for financial analysis.
  - Financial Modeling: Develop complex financial models in Excel to analyze investment opportunities, evaluate financial performance, and forecast business outcomes.
  - Incorporate advanced functions, such as VLOOKUP, INDEX/MATCH, and PivotTables, to streamline analysis and improve efficiency.
  - Data Visualization: Create interactive dashboards and reports in Excel to visualize key performance metrics, to gain actionable insights and make data-driven decisions.
  - Process Automation: Develop and implement automated workflows using Alteryx to streamline data processing, reporting, and analysis tasks, reducing manual effort and increasing efficiency.
  - Identify opportunities for process improvement and optimization to enhance data quality and timeliness.
  - *Key Achievements*:

    - Designed and implemented a series of automated workflows in Alteryx, reducing data processing time by 70% and improving data accuracy and consistency.
    - Developed a dynamic financial dashboard in Excel.

- o   Led a project to standardize financial reporting processes using Alteryx, resulting in increased efficiency and consistency across reporting deliverables, and enabling Auditors to access timely and accurate financial information.

- **Pratian technologies, Bengaluru**— *Software Engineer Trainee*   January 2023 – June 2023

  - o   As a Software Engineer at Pratian Technologies, I specialize in creating elegant and interactive user interfaces using combination of HTML, CSS, JavaScript, ReactJS, Redux, Bootstrap, Material UI, Semantic UI, and Figma.
  - o   With a keen eye for design and a passion for cutting-edge web technologies, I thrive on delivering exceptional user experiences that seamlessly blend form and function. My responsibilities include:
  - o   UI/UX Design Implementation: Collaborate closely with designers and product managers to translate design mockups and wireframes from Figma into responsive and visually stunning web applications.
  - o   Utilize HTML, CSS, and JavaScript to implement pixel-perfect designs while ensuring optimal usability and accessibility.
  - o   Frontend Development: Develop dynamic and scalable web applications using ReactJS and Redux, leveraging reusable components and state management techniques to maintain code maintainability and scalability.
  - o   Implement complex user interfaces and interactions, incorporating Bootstrap, Material UI, and Semantic UI for enhanced styling and layout.
    API Integration: Integrate frontend components with backend APIs like Fetch API, ensuring seamless data retrieval and synchronization. Manage application state efficiently using Redux, facilitating predictable dataflow and easier debugging.
    Responsive Design and Cross-Browser Compatibility: Ensure cross-browser compatibility and responsiveness across various devices and screen sizes by implementing fluid layouts and media queries. Conduct thorough testing and debugging to identify and resolve compatibility issues
    Performance Optimization: Optimize frontend performance by minimizing page load times, optimizing rendering performance, and reducing unnecessary network requests.
    Version Control and Collaboration: Use Git for version control, collaborating with team members through platforms like GitHub to manage code repositories, track changes, and facilitate code reviews.
  - o   Key Achievements:

    - o   Led the redesign and implementation of a customer-facing web application, resulting in a 40% increase in user engagement and a 25% decrease in bounce rate.
    - o   Developed a reusable component library using ReactJS and Bootstrap, streamlining development processes and promoting consistency across multiple projects
    - o   Implemented accessibility enhancements for a web application, achieving compliance with WCAG standards and improving accessibility for users with disabilities.

Education and Certifications

- **Velagapudi Ramakrishna Siddhartha Engineering College [VRSEC].** BTech, Electronics and Communication Engineering, Vijayawada, India.   **2016**-**2020**

  Dedicated and results-driven Electronics and Communication Engineering (ECE) graduate with a comprehensive understanding of circuitry, signal processing, and communication systems. Proficient in utilizing engineering principles to troubleshoot and solve complex technical problems. Hands-on experience with VLSI & sensors. Adept at collaborating in team environments and possessing strong analytical and problem-solving skills. Completed '' kitchen and industrial monitoring system" which demonstrate practical application of ECE knowledge. Eager to leverage academic background and technical skills to contribute effectively in a dynamic engineering role.

- **GOVERNMENT POLYTECHNIC COLLEGE-VIJAYAWADA [GPT, Vijayawada]** Diploma, Electronics and Communication Engineering, Vijayawada, India. **2013-2016**

  Strong foundation in designing and analyzing electronic circuits. Proficiency in communication systems and signal processing techniques. Hands-on experience with microcontrollers and embedded systems. Familiarity with programming languages like C and Assembly Language. Practical knowledge of PCB design and troubleshooting electronic devices. Developed problem-solving skills through project-based learning and labs.

Projects

- **IOT based kitchen and industry monitoring system** | 06 Month(s)

  - The IoT-based kitchen and industry monitoring system is a comprehensive solution designed to optimize operational efficiency, ensure safety, and Security in commercial kitchens and industrial facilities.
  - By leveraging interconnected sensors, actuators, and data analytics, this system provides real-time insights and control over various aspects of kitchen operations and industrial processes.

- **Petzy |** 01 **Month**

  - Petzy is a comprehensive pet care platform designed to cater to the needs of pet owners and their beloved companions.
  - Whether you're a dog lover, cat enthusiast, or have a passion for exotic pets, Petzy aims to simplify pet ownership and enhance the well-being of furry, feathered, or scaly friends.

Technologies and Languages

  - Html, Css, JavaScript, ReactJS, Redux, Bootstrap, Material UI, Semantic UI,Tailwindcss
  - Python
  - Alteryx, Power Bi
  - Excel, SQL

Declaration

I hereby declare that the information provided in this resume is accurate and complete to the best of my knowledge