AKHILA CHINTHAM

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PROFESSIONAL SUMMARY:

Passionate web developer with 4+ years of experience across the full stack. Adept in ASP.NET and Python for backend solutions, and in Power BI for data visualization. Focused on creating user-centric interfaces with HTML, CSS, and JS. Seeking a challenging opportunity to leverage my skills and build innovative products.

WORK EXPERIENCE

iAssist Innovation Labs | UI Developer   Oct 2022 - May 2023

Tags - HTML, CSS, Bootstrap, Javascript, Python, Flask, MySql, Figma.

- Designed, developed and maintained interactive and visually appealing user interfaces for web applications using HTML5, CSS3, and JavaScript.
- Collaborated across teams to define project requirements, translate UI/UX design wireframes into responsive web pages resulting in a 25% increase in user engagement, and seamlessly integrate frontend with backend functionalities.
- Enhanced website performance by conducting code reviews, identifying frontend bottlenecks, implementing best practices to elevate code quality, and achieving a 20% increase in site loading speed.
- Revamped and optimized frontend architecture for scalability and performance, reducing load times by 30% through code refactoring and resource optimization techniques.
- Implemented robust frontend and backend validations, fortifying system reliability and data integrity.
- Applied responsive design principles, making applications accessible across various devices and screen sizes.
- Incorporated accessibility features and conducted audits to ensure compliance with WCAG standards, enhancing the inclusivity of web applications.

Tata Consultancy Services | *Assistant System Engineer*   Nov 2020 - Sept 2022

Tags - PowerBI, Sql Server, SharePoint.

- Designed and maintained numerous self-service Power BI reports, enhancing data accessibility and analysis efficiency, resulting in a 40% reduction in report generation time.
- Integrated SharePoint data for enhanced analytics, ensuring seamless connectivity and accuracy.
- Updated existing reports with advanced features to improve data representation and usability.
- Optimized efficiency by fine-tuning DAX calculations, data models, and queries, leading to a 30% improvement in report generation
- Implemented Row-Level Security (RLS) to ensure data confidentiality and compliance, mitigating potential security risks by 50%.
- Designed and implemented ETL processes, reducing data processing time by 25% and ensuring accuracy and consistency.
- Utilized SharePoint Designer to create intricate workflows, including approval processes, streamlining task management by 30%.
- Expertly managed SQL Server 2012, proficiently creating queries, stored procedures, triggers, and views, optimizing database performance by 25%.

Zoom Networks | *Web developer - NTPC*   Nov 2019 - June 2020

Tags - C#,ASP.NET,HTML, CSS, Javascript, Sql Server.

- Developed and maintained dynamic ASP.NET applications specializing in Web Forms and traditional ASP.NET technologies, ensuring seamless functionality.
- Utilized HTML, CSS, and JavaScript to create intuitive, responsive interfaces for enhanced user experiences.
- Engineered and optimized interdependent module architectures, boosting system cohesion by 40%.
- Implemented robust SQL Server interactions, optimizing database performance and ensuring data integrity.
- Crafted visually appealing, user-centric graphical UI, driving a 30% increase in user engagement.
- Applied comprehensive validations, reducing error instances by 45% and significantly enhancing system reliability.
- Collaborated cross-functionally to gather requirements, design solutions, and implement feature enhancements

Cache Technologies | *Web developer - NTPC*   Jul 2019 - Oct 2019

Tags - C#,ASP.NET,HTML, CSS, Javascript, Sql Server.

- Engineered module architectures, successfully migrating from Classic ASP to ASP.NET, reducing system errors by 40% and facilitating seamless functionality.
- Crafted aesthetically pleasing UI, enhancing user experience by 25%, and configured database integration for file import and reporting, improving data accessibility

- Developed and rigorously tested intricate stored procedures, optimizing database performance by 20% while efficiently troubleshooting to maintain system integrity.
- Enhanced system cohesion by 40% through interdependent module architectures, ensuring seamless functionality.
- Implemented robust authentication protocols, fortifying system security and reducing unauthorized access instances by 50%.
- Enforced comprehensive validations, significantly cutting down error instances and fortifying system reliability.
- Successfully resolved all issues identified in audits and implemented stringent security measures for comprehensive system protection.

ACADEMIC PROJECTS:

PDF Analyzer:

Project: Engaged in automating PDF analysis, extracting vital components such as colors, fonts, and images, and generating word frequency charts with Python for efficient document comprehension, alongside crafting the UI using HTML, CSS, and JavaScript for user interaction.

Event Sphere:

Project: Created a specialized platform for customizing events to gather specific information, featuring customizable input fields and deadlines. The platform enables real-time engagement tracking and post-event analysis, offering comprehensive insights. Empowering creators with full control and transparency, it fosters participation and facilitates informed decision-making, leveraging Python and SQL.

TECHNICAL SKILLS

- **Programming**: Python, C#, HTML, CSS, JS, SQL, Shell Scripting, LINUX, Asp.net, jQuery and Bootstrap, React, PowerBI, DAX
- **Tools:** GitHub, VS Code, Pycharm, Pandas, IntelliJ, Eclipse, Git, TFS.
- **DB**: SQL Server, MySQL.
- **Frameworks:** .NET, Flask

EDUCATION

Masters in Computer Science   *Aug 2023 - present*

University of North Texas - Denton   GPA: 3.66/4.00

- **Course Work** - Analysis of Algorithms, Fundamentals of Database, and Software Engineering.

Bachelor of Technology in Electronics and Communication Engineering   *Jul 2014 - May 2018*

Jawaharlal Nehru Technological University - Hyderabad   GPA: 3.0/4.00

ACHIEVEMENTS

- Achieved the 'Best Use of AI in Education' award from Major League Hacking during HackUNT on November 11-12th, 2023.