SONIYA SHARMA

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Results-driven Software Engineer with extensive experience in developing and optimizing solutions using React and .NET technologies. Proven ability to lead projects strategically, streamline processes, and deliver high-quality, scalable systems. Skilled in cross-functional collaboration, problem-solving, and leveraging technical expertise to drive innovation and achieve measurable business outcomes. Seeking a challenging role to apply technical proficiency and leadership skills in building impactful software solutions that enhance organizational performance.

WORK EXPERIENCE

Software Engineer, LTIMindtree
Oct 2024 – Present

AWS Cost Optimization (FinOps):
- Designed an application to optimize AWS service costs using FinOps principles.
- Leveraged Redux and Context API for efficient state management.
- Provided real-time insights into cloud spending through intuitive dashboards.
- Implemented cost anomaly detection to identify unexpected spikes in expenses.
- Automated rightsizing recommendations for underutilized resources.
- Enabled budget tracking and forecasting to help teams stay within financial targets.
- Integrated with AWS Cost Explorer and other cloud billing tools for data accuracy.
- Facilitated multi-account management to track expenses across different environments

Product Landing Page:
- Developed a **React** application with **Redux/Context API** for state management.
- Designed and implemented the **backend using .NET**, integrating it with the React frontend.
- Created and consumed **RESTful APIs** for dynamic content exchange.
- Ensured **cross-browser compatibility** and adhered to **UI/UX best practices**.
- Used **Git** for version control and followed **Agile methodologies** for development.
- Delivered a robust solution that met both **client requirements** and **business goals**.

Senior System Engineer, Infosys
July 2023 – Oct 2024

Pharmaceutical Analytics Dashboard:
- Designed and developed interactive dashboards for pharmaceutical clients, providing real-time data visualization and actionable insights into key performance metrics.
- Optimized data processing pipelines to handle large datasets, enhancing query performance and reducing load times by 40%.
- Integrated with multiple data sources to offer a comprehensive view of market trends, sales performance, and competitor analysis.
- Improved insights capture and data visualization efficiency by 30%, empowering stakeholders to make faster, data-driven decisions.

Outlook Calendar Integration:
- Implemented an automated calendar integration with Outlook to streamline event scheduling for targeted accounts.
- Developed logic to automatically assign events to appropriate teams based on predefined rules, ensuring timely follow-ups and task allocation.
- Reduced manual scheduling efforts by 25%, minimizing human error and enhancing productivity.
- Enabled bi-directional sync, allowing real-time updates between the application and Outlook, ensuring data consistency across platforms.

Data Security Enhancement:
- Developed and deployed advanced encryption protocols using .NET to secure sensitive server data, ensuring compliance

with industry standards.

- Implemented role-based access control (RBAC) and multi-factor authentication (MFA) to further strengthen security measures.
- Enhanced data transmission security with TLS/SSL protocols and encrypted sensitive information at rest and in transit.
- Elevated data security standards by 50%, resulting in the solution being widely adopted across the organization and praised by clients for improving confidentiality and ensuring strict regulatory compliance

System Engineer, Infosys   Oct 202l - July 2023

Project Timeline Optimization:
- Successfully streamlined **project timelines** by implementing **agile planning techniques** and optimizing **resource allocation strategies**.
- Introduced **task prioritization frameworks** and improved sprint planning, ensuring teams focused on high-impact deliverables.
- Reduced delivery durations by **30%** while maintaining **high-quality outcomes** through continuous monitoring and risk mitigation practices.

Export-to-Excel Functionality:
- Designed and implemented a **robust export-to-Excel feature** in **React**, enabling seamless data extraction for analysis and reporting.
- Optimized the export process to handle **large datasets** efficiently, ensuring smooth performance and minimal load times.
- Enhanced data accessibility and improved reporting processes by **20%**, contributing to faster decision-making and increased **user satisfaction**.

EDUCATION

Bachelor of Technology   Aug 2017-May 2021
Government Engineering College, Raipur
- Acquired proficiency in Python and C languages during college, completing a deep learning project showcasing machine learning and algorithm expertise.

Senior Secondary School   Jun 2015-Jun 2017
Vikas Vidyaniketan, Visakhapatnam
- Demonstrated strong academic performance with an 87% score in PCM subjects at the senior secondary level.

ADDITIONAL INFORMATION

- **Technical Skills:** React.js, .Net Technology, SQL, HTML, CSS, JavaScript, AWS.
- **Languages:** English, Hindi.
- **Certifications:** Secure SDLC Certification, AWS Certified Cloud Practitioner.
- **Awards/Activities:** Received the "Insta Award" for outstanding contributions to project innovation. Infosys. Received the "Pfizer Champ Award" in recognition of outstanding performance & exemplary contribution towards Pfizer Account.