Sai Praveen Kudapa

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SUMMARY:

Innovative and detail-oriented Software Engineer with a Master's degree in Computer Science and 2+ years of professional experience in developing enterprise applications. Adept at contributing to all phases of the development lifecycle, with a strong foundation in web technologies and cloud computing. Excels in fast-paced environments, consistently delivering complex solutions that enhance client satisfaction and operational efficiency. Eager to apply technical expertise and problem-solving skills to build and improve content management systems within the insurance industry.

TECHNICAL SKILLS:

Languages	C#, Java, SQL, HTML, JavaScript, Node.js
Frameworks/Libraries	AngularJS, jQuery, Bootstrap, ReactJS, ASP.NET Windows Forms
Web Technologies	RESTful Web Services, AJAX, CSS3
Database Systems	Oracle, MySQL, MongoDB
Cloud Platforms	AWS (EC2, CloudFormation, DynamoDB, IAM, S3, RDS)
Tools & IDEs	Eclipse, Maven, GIT, Visual Studio, NetBeans, IntelliJ
Operating Systems	Windows, Linux, Ubuntu
Web/App Servers	Apache

CERTIFICATIONS:

- AWS Certified Developer – Associate

- Google Certified Data Analytics from Coursera

EDUCATION:

Stevens Institute of Technology   **Sep'2022 – Dec'2023**
Master's in Computer Science

PROFESSIONAL WORK EXPERIENCE:

SS IT Solutions   **July'2020 - July'2022**
Software Developer

Project: ERP Development

- Implemented data visualization techniques using **HTML**, **JavaScript**, and **CSS** for intuitive report presentation.
- Engineered a secure HR module, improving employee management and payroll processing, using **ASP.NET MVC** and Entity Framework.
- Created Sales and CRM module with **AngularJS**, boosting lead tracking and customer engagement.
- Advanced financial reporting capabilities in the Financial Management module with effective **SQL** queries and ASP.NET **Web API** integration.
- Developed a Production and Planning module, employing C# multi-threading to ensure timely updates on manufacturing processes.

- Invoked various Web services using **REST**, **WSDL**, and **SOAP**, and implemented **AJAX**, **jQuery**, **JSON**, **DHTML**, and **DOM** Scripting for effective ERP integration.
- Implemented dynamic content updates in the Inventory Management module using **AJAX** and **jQuery**, improving stock tracking and order fulfillment.
- Designed **RESTful web services** for seamless data exchange, optimizing inventory and sales module integration.
- Utilized SQL, **Server Reporting Services (SSRS)** to generate insightful reports, incorporating data visualization with modern web technologies.
- Ensured robust database integration across all **ERP** modules, leading to enhanced data consistency and retrieval.
- Leveraged Entity Framework for seamless mapping of entity objects to **relational database** tables, thereby enhancing data consistency.
- Conducted thorough code reviews, managed source control with **Git**, and played a key role in the deployment and load balancing of ERP updates on **AWS**.
- Ensured a consistent and visually appealing user experience through the utilization of **Bootstrap CSS**, and **ReactJS**.

    Environment: C#, ASP.NET MVC, ASP.NET Identity, Entity Framework, SQL Server, Visual Studio, Git, HTML, JavaScript, AJAX, jQuery, AngularJS, Bootstrap CSS, NodeJS, ReactJS, ERP (HR, Sales, Reporting, Finance, Production, Planning, Inventory), AWS.

Project: Vehicle Management System

- Designed and developed a Windows application for vehicle fleet management that enhanced the operational control and efficiency of vehicle companies.
- Created a user-friendly interface with **ASP.NET Windows Forms**, allowing for real-time monitoring and management of fleet vehicles.
- Implemented a robust database solution with **SQL** to manage large datasets, ensuring seamless integration and system performance.
- Developed a **secure authentication system** to protect against unauthorized access, maintaining the integrity of sensitive fleet data.
- Constructed a real-time **trip status dashboard** to track fleet movement, driver records, and trip details, improving fleet management operations.
- Engineered a comprehensive **expense tracking module** to monitor trip costs and optimize budgeting for vehicle maintenance and operations.
- Applied best practices for **data security**, adhering to industry standards to ensure the protection of confidential driver and trip information.
- Collaborated with cross-functional teams to gather requirements, iterate on feedback, and deliver a system that met all specified business needs.

Environment: C#, ASP.NET MVC, ASP.NET Identity, Entity Framework, SQL Server, Visual Studio, Git, Windows, Standard Authentication and Authorization Practices, Agile Methodology, Regular Stand-ups, Code Reviews.