SAI PRAVEEN KUDAPA

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PROFESSIONAL SUMMARY

Innovative and detail-oriented Software Engineer with a master's degree in computer science and 4+ 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, cloud computing, and automation. Proven track record in developing cloud-based solutions, data transformation tools, and process automation, particularly within agile environments. Consistently delivers complex solutions that enhance client satisfaction and operational efficiency.

EDUCATION

Master of Science (MS)   12/2023
Major ~ Computer Science
Stevens Institute of Technology ~ Hoboken, New Jersey

SKILLS

- **Programming Languages:** C#, Java, SQL, HTML, JavaScript, Python
- **Databases:** Oracle, MySQL, MongoDB,
- **Frameworks and Libraries:** ASP.NET, .NET Core, Spring boot
- **Cloud Services:** AWS, Azure, Google Cloud
- **DevOps:** Docker, Kubernetes, Jenkins, Terraform
- **Operating Systems:** Windows, Linux, Ubuntu
- **Web Servers:** Apache, Nginx
- **Version Control:** Git
- **Other Tools:** Visual Studio

WORK HISTORY

Data Analyst   09/2024 to Present
Abraham Sons & Leathers
Long Island, New York

- **Automated data pipelines** for **Shopify** and **Zoey** platforms, reducing manual reporting efforts by 30% and improving data
- consistency across teams.
- Designed and implemented custom dashboards using **Tableau** and **Power BI**, allowing real-time tracking of key
- performance indicators (KPIs) like sales, inventory, and customer behaviors.
- **Integrated Shopify and Zoey data** with internal systems through API connections, streamlining data flow and enabling more
- accurate **performance tracking** across departments.
- Analyzed customer purchasing patterns and sales trends using **SQL** and **Python**, helping to shape marketing campaigns and
- product pricing strategies that improved customer engagement.
- Provided **data-driven insights** to optimize customer retention and enhance overall customer experience, contributing to a
- 15% increase in repeat customers.
- Diagnosed and resolved data quality issues within Shopify and Zoey integrations, improving data accuracy by 20%,
- ensuring reliable business intelligence.
- Created detailed **financial and sales reports** using **SQL**, offering leadership insights into profitability, inventory turnover, and
- sales performance, aiding decision-making.
- Collaborated with product, marketing, and engineering teams to align data analysis with broader business goals, supporting
- data-informed strategy adjustments.

Full Stack Software Developer   08/2020 to 08/2022
Siva Sai IT Solutions
Hyderabad, India

- 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 **.NET MVC** and Entity Framework.
- Implemented dynamic content updates in the Inventory Management module using **jQuery**, improving stock tracking and order fulfillment.
- Utilized **SQL**, **Server Reporting Services (SSRS)** to generate insightful reports, incorporating data visualization with modern web technologies.
- 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**.
- Developed and deployed cloud-based automation tools using **AWS** services to streamline data integration and process automation.
- Engineered secure, scalable solutions across various **ERP** modules, enhancing operational efficiency through automation.
- Spearheaded the development of **RESTful APIs** and data transformation services, ensuring seamless integration and data consistency.
- Played a key role in the agile development lifecycle, from requirements gathering to deployment in a fast-paced environment.

PERSONAL PROJECTS
AI Personal Assistant   07/2023 to 12/2023
- Designed and developed a web and mobile interface for an AI personal assistant using **ReactJS** and **AngularJS** for a responsive and user-friendly experience.
- Implemented secure user authentication with **JWT tokens** and **OAuth**, ensuring robust data protection and user privacy.
- Utilized **NodeJS** and **Python** for backend development, enabling efficient data processing and API integration.
- Created and managed a **MySQL** database to store user data, preferences, and activity logs, ensuring fast and reliable data access.
- Deployed the application on **AWS** to leverage cloud scalability, reliability, and security.
- Integrated **Twilio API** for sending SMS notifications to users for reminders and alerts.
- Implemented **Stripe** for handling secure payments and subscriptions within the application.
- Employed **Elasticsearch** for efficient searching and indexing of user data and content.

E-commerce Analytics Platform   03/2023 to 06/2023
- Developed the front-end using **HTML**, **CSS**, and **JavaScript** to create a responsive and user-friendly interface. This included building intuitive navigation, ensuring cross-browser compatibility, and optimizing performance for various devices.
- Utilized **ReactJS** for building dynamic and interactive user interfaces, improving user experience through reusable components and efficient state management.
- Implemented backend services using **NodeJS** and **Python**, ensuring efficient data processing and API integration. This involved setting up RESTful APIs, handling asynchronous operations, and managing server-side logic.
- Designed and managed the database using **MySQL** and **SQL** for storing and retrieving business-critical data. This included schema design, writing complex queries, optimizing database performance, and ensuring data integrity.
- Deployed the application on **AWS**, **Google Cloud**, and **Azure** to leverage cloud scalability, reliability, and security. This included setting up virtual machines, managing cloud storage, and configuring networking and security groups.
- Conducted sentiment analysis on customer reviews and social media mentions to gain insights into customer satisfaction.
- Provided comprehensive documentation and user training sessions to ensure smooth adoption and effective use of the platform by business users.

ACHIEVEMENTS, CERTIFICATIONS & INTERPERSONAL SKILLS
- ✓ [AWS Associate Developer Certification](#) (Cid: 3bde13c3255b4fe0889234c817dc55f7) by Amazon.
- ✓ [Google Certified Data Analytics Certification](#) by Coursera.
- ✓ ASP .Net MVC5 Certification by LinkedIn.
- ✓ Ruby on Rails Certification by LinkedIn.
- ✓ Azure DevOps Certification by LinkedIn.
- ✓ Microsoft SQL Server by LinkedIn.
- ✓ Excellent vocabulary, and social and networking skills aimed at generating business and ensuring loyal clientele.
- ✓ Sublime program management skills to complete tasks with accuracy, efficiency, and as per schedule.
- ✓ Ability to produce results both individually and as a team player.