Vraj Shah

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EDUCATION:

Rutgers University, New Brunswick, New Jersey

Expected graduation date: May 2027
Bachelor of Science in Computer Science
Minor in Data Science

Relevant Courses: Computer Science l (Java), Intro to Human Resources Management, Statistics, Calculus l, Data Structures(Java), Stats I

RELAVENT EXPERIANCE:

HMH JFK University Medical Hospital   **One to One nursing (Float Pool)**   **February 2024 – Current**

Learnings: *Analytical Thinking, Documentation, Adherence to Policies and Procedures, Attention to Detail, Maintaining Professionalism*

- Entrusted with thoroughly analyzing the symptoms and behavioral cues displayed by the individuals I supervise. This includes carefully evaluating a patient's facial expressions and body language to detect any signs of discomfort or distress and closely monitoring fluctuations in vital signs to identify potential deteriorations in their health status.
- With meticulous attention to detail, I log patient observations, interventions, and critical data, ensuring a comprehensive record. This facilitates seamless care coordination and offers valuable insights for healthcare professionals and analysts.
- I strictly follow protocols to ensure patient safety. For instance, I respond promptly to emergencies, such as cardiac events, and prioritize maintaining patient confidentiality.

ShaadiPros, LLC / FindAPandit.com   **Cloud Computer**   **March 2024 – June 2024**

Learnings*: Learning scalable, secure cloud architectures, AWS services, and exploring serverless and edge computing*

- Designed and implemented a robust three-tier AWS architecture, transitioning from a single-tier model. The design integrated AngularJS front-end applications, Node.js backends, and Postgres databases with SSL, Auto Scaling Groups, secure VPC configurations, and a read replica for improved performance and scalability, ensuring high availability and efficiency.
- Exploring cutting-edge cloud-related technologies like Terraform, Java Spring Boot, serverless computing, edge computing, multi-cloud management solutions, Kubernetes, containers, and cloud-native security protocols. These advancements aim to streamline operations, cut costs, and enhance scalability by harnessing the latest innovations in cloud infrastructure.
- Implementing AI solutions tailored to optimize existing platforms involves developing sophisticated algorithms for predictive analytics, natural language processing (NLP), computer vision, and personalized recommendation systems. Specifically, creating generative AI-powered chatbots entails training models to comprehend and generate human-like responses, enriching user engagement and satisfaction across various applications and services.

National Honor Society   **Member**   **September 2021 – May 2023**

Learnings: *leadership, community commitment, and academic excellence in students*

- Spearheaded a project with other honor societies to reduce costs by 10-15%.
- Actively participated in community projects, including car wash fundraisers and other initiatives.
- Offered specialized tutoring assistance to students grappling with challenges in specific academic subjects.

LEADERSHIP:

National Chinese Honor Society   **President & Vice–President**   **September 2020 – May 2023**

Learnings: *Strategic Event Planning, Fundraising, Event Coordination, Communication, Collaboration, and Creative Marketing*

- Developed a comprehensive meeting schedule, strategically setting dates and establishing clear objectives for each session. This systematic planning ensured that our gatherings were purposeful, well-organized, and aimed at achieving our defined goals effectively.
- Initiated fundraising initiatives, including the sale of fortune cookies, and collaborated with fellow members to generate a profit of $300. These efforts supported our objectives and facilitated community engagement and financial success.
- Staged an eye-catching cultural parade at school, featuring a majestic dragon procession to showcase and celebrate the diverse tapestry of Chinese culture and traditions. This lively event aimed to raise awareness and appreciation for Chinese heritage through vibrant displays and engaging performances, fostering cultural understanding among students and staff.

CERTIFICATION:

AWS CERTIFIED CLOUD PRACTITIONER	Recipient	June 08, 2024
AWS Cloud Essentials Knowledge Badge	Recipient	May 14, 2024
Data Analytics Bootcamp Certificate	Recipient	March 09, 2024
Crisis Prevention Intervention (CPI) Certificate	Recipient	February 19, 2024
Cardiopulmonary Resuscitation (CPR) Certificate	Recipient	February 14, 2024
Python Certificate	Recipient	December 31, 2023

ACTIVITIES/AWARDS:

Track	Member	September 2019 – May 2023
Student Council	Representative	September 2021 – May 2023
Volleyball Team	Member	September 2019 – May 2021

TECHNICAL / NON-TECHNICAL SKILLS:

- **Languages**: Fluent in Hindi, Urdu, Gujarati, English | Conversational in Chinese
- **Software**: Microsoft Word (Intermediate), Microsoft Excel (Intermediate), Microsoft PowerPoint (Intermediate), Google Suite (Advanced), Adobe Photoshop (Beginner)
- **Programming**: Java (Intermediate), Python (Intermediate), SQL (Beginner), JSON(Beginner)