Vaibhav Nileshkumar Katrodiya

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EDUCATION

Temple University, Fox School of Business   **Philadelphia, PA, USA**
Bachelor of Business Administration   May 2021
- Major: Management Information Systems.
- Member, Association for Management Information Systems.   Jan 2018 – Dec 2020

Selected Courses:
- Enterprise IT Architecture, Digital Solutions Studio, Data Centric Application Development, Financial Management.

TECHNICAL SKILLS

- SQL, HTML, CSS, Java, .Net, JavaScript, jQuery, Node.js, AWS, WordPress.
- *Data Visualization:* Tableau, Power BI | *Microsoft Office:* Word, PowerPoint, Excel.

WORK EXPERIENCE

Shiv Diamonds Pvt. Ltd.   **Mumbai, India**
Assistant Business Analyst   May 2018 – August 2018
- Analyzed and documented business implications of improving the manufacturing process by analyzing the market need and competition and by working closely with all stakeholders.
- Designed a SQL Database system for the Purchase and Sales Data to make it more organized and manageable.
- Communicated business development information between clients and project teams on all phases of SDLC.

Ambaji Creation   **Surat, India**
Office Administrator   Apr 2015 – Feb 2016
- Managed an inventory log of company's day-to-day products transactions.
- Administered all the office activities and office supply needs for a 70-person textile company.
- Started as an Administrative Assistant and was promoted to Office Administrator after working for four months.

RELEVANT EXPERIENCE

UX Project for Digital Solutions Studio: WordPress, JavaScript
- Conducted a user acceptance test of a disorganized financial website with 20-30 randomized users.
- Analyzed the data collected from the User acceptance test and documented it. Defined and executed hypothesis for the required changes and performed A/B testing.
- Re-designed website according to the test using JavaScript and WordPress to provide a more professional look.
- Performed a complete feasibility analysis for these features and updated system documents to incorporate changes.

Toll-Calculator Database Management System: AWS, Node.js, HTML
- Designed the Toll-Calculator web application using JavaScript and HTML.
- Created a database management system on Amazon Web Services VPC involving building data-models, views, page templates, user profiles and stylesheet layouts. Stored and Secured data through services offered by AWS.
- Generated an EC2 instance with specific security parameters, load balancers and scaling groups.
- Developed prototype database application that calculates toll fares and manages data and network traffic efficiently.

Threat Penetration Testing: Kali Linux, Metasploitable2
- Identified, extracted and described the types of sensitive information that resided on the virtual server hosting the financial management information system.
- Performed vulnerability scans to find unpatched software vulnerabilities that can give access of sensitive information to unauthorized users. Provided NIST security and privacy controls that would help mitigate the vulnerabilities/risks.

API Web Application prototype: AWS, JavaScript, SQL
- Developed a bike competition prototype application to allow users to register for bike races and marathons.
- Web application consists of API, client-side interface and server-side interface.
- Led user story and ER diagram development, developed SQL query and table structure for user registration.
- Integrated SQL developed database in the Js interfaces with information of various types of objects. Cross-referenced them with APIs to draw the required information.

DISTINCTIONS
- Pursuing a Certificate course in Database Server Administration and Management from ORACLE INC.