ROHAN KULKARNI

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EDUCATION

Adelphi University, Garden City, NY   September 2021 - May 2025 (expected)
Candidate for Bachelor in science in Information Systems

- 3.8 / 4.0 GPA
- On the dean's list for all semesters
- Relevant Coursework: Programming in Java, Programming in Python, Database Management Systems, Discrete structures, Statistics and Data Analytics, Salesforce Ecosystem and Cloud Computing, Project Management, Survey of Statistics, and Cyber Law and Ethics.

EXPERIENCE

Software Developer Intern   May 2024 to Present
Allied Medix Resources Inc., Long Island City, NY
- Redesigning and rebuilding their corporate website from scratch.

Developer Intern   June 2023 to August 2023
Allied Medix Resources Inc., Long Island City, NY
- Analyzed NYC Billing systems for health services and assisted in fixing issues.

Intern   September 2019 to March 2020
Con Edison, NYC
- Learned various functions of the IT Department, Outage Command Center, Metering infrastructure, Facilities Engineering, Automation and Energy Efficiency Departments.

PROJECTS

Redesign and rebuild of the Allied Medix Resources Inc. corporate website
- Captured business requirements to redesign the corporate website using WordPress.
- Created the business requirements document (BRD) using Confluence and Agile Project Plan using Jira.
- Designed a responsive website including accessibility features.
- Developed the website by building a custom theme in WordPress.
- Used PHP code snippets and MySQL database to incorporate the 'News and Events' and 'Careers' modules.
- Groomed epics and created stories in Jira to plan work and report status for each 2-week sprint.
- Checked-in and merged code after each sprint for code review and approval.
- Used the GTMetrics tool to test the website's performance including optimization of CSS and JavaScript.

Regression analysis using R   February 2024 to March 2024
- Performed regression analysis in R to determine if airline ticket prices have a positive or negative relationship with crude oil price.
- Performed simple linear regression analysis, simple non-linear regression analysis and calculated the coefficient of determination value. Used packages such as plotly, ggplot2, tidyverse, caTools, MLmetrics, and dplyr.

Pet Sitter Response Tracking System   October 2023 to December 2023
- Designed and developed a 3-tier application using HTML, CSS and JavaScript for the user interface, PHP for the middle layer and MariaDB as the backend.
- Created ERD for the database using MySQL Workbench. Executed the application using XAMPP.

Pilot Banking System   March 2023 to May 2023

- Designed and developed a banking system for account creation, deposits, withdrawals, overdraft protection, and account summaries.
- Used object-oriented programming concepts in Java to develop the application.
- Used JUnit test cases to test all positive and negative scenarios.

SKILLS

- Languages: Python, Java, PHP, R, SQL, HTML, CSS, JavaScript
- Tools / Frameworks: WordPress, GitHub, Jira, Confluence, BlueJ, RStudio, IDLE, Visual Studio Code, JUnit, G-Suite Products, MS Excel
- Databases: MariaDB, MySQL Workbench
- Soft Skills: Leadership, Teamwork, Organization skills, Problem solving, Koru Mindfulness certification.