Rohit Raj Rajana

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EDUCATION

• **University of Illinois Chicago**   **Aug 2021 - May 2023**
Master of Science in **Management Information Systems**   GPA 3.46/4
Key Coursework: Advance Database Management, Enterprise Information Infrastructure Planning & Security, Enterprise Application Development, Data Mining for, Data Visualization, Operations Management.

• **GITAM University**   **April 2018**
Bachelor of Technology in **Computer Science and Engineering GPA 3.5/4**

TECHNICAL SKILLS

• **Languages:**   **JAVA, Python, C, C++**
• **Web Technologies:**   **HTML5, Android development**
• **Visualization tools:**   **PowerBi, Tableau**
• **Databases/Cloud:**   **MySQL, SQLite, SAP, Oracle**
• **Project Management:**   **SDLC, SCRUM, Microsoft Office Suite, Agile Methodologies**
• **Operating Systems:**   **Linux/UNIX, Windows**

WORK EXPERIENCE

Tata Consultancy Services Ltd, India - Assistant Systems Engineer   **June 2018 - July 2021.**
• Expertise in ERP using SAP R/3 ABAP programming with working knowledge in Material Management (MM), Sales and Distribution (SD), Financial Accounting (FI), Controlling (CO) & Human Resource (HR) modules.
• Strong working experience in Classical, Interactive, ALV and OO-ALV Reports and OO-ABAP (Class, Methods, Interfaces). Good expertise in Data dictionary (DDic).
• Designed and implemented test procedures. Created the forms (Smart forms and Adobe Forms) as per client's requirements and made suggestions for changes to user interface.
• Gained experienced in Data conversion and Data Uploading using Batch Data Communication (BDC) programs using Session and Call Transaction Methods & BAPI Function modules.
• Proficient work knowledge on Enhancements and BADI. Working experience in developing and maintaining Custom Workflows in SAP.
• Built the object-model automation workflow for the project and raised the code coverage from 2% to 45%.
• Participated in regular scrum events Sprint Planning, Grooming, Retrospective, etc. and also organized a few bug bashes for my feature releases, also acted as scrum master when needed.
• Worked closely with the client's company to identify customer needs and resolved customer complaints expediently by identifying needs, establishing reports, and finding solutions.

ACADEMIC PROJECTS

Density Based Traffic Management System (Python)
• Lead a team of 4 for the project which was designed to develop a density based dynamic traffic signal system.
• The signal timing changes automatically on sensing the traffic density at the junction.
• Collaborated with 3 departments to deliver this project ahead of schedule.

Visual Amigo – Android Application
• Visual Amigo is a Personal Assistant application for Visually Disabled people. Blind users can use this application for tracking objects around them and use this application as a Personal Voice Assistant to perform any other operations on the phone like calling/sending text/playing music from the default music app seamlessly. They can open the application just by pressing the power button of their android phone four times or just by the voice command 'Hello Amigo'.
• A version of the application is provided for their friends who once logged in can track their blind friends in any emergency cases.
• These friends are to be specified by the blind people on the initial installation of the application through voice.
• Certified Microsoft Android Developer.

Citi Bike Analysis in New York during Corona Crisis (Tableau, Python)
• The goal of my project is to know whether Covid has impacted Citi's E-bike Business in New York and look at what changes has it gone through in the Covid Phases.
• Finding insights like average trip duration, most popular start stations, most common age groups, the relation between age group and gender, the relation between user type and gender, most common start times, most bike usage during the months.
• Using pandas for data cleaning, joining and exploratory data analysis.
• Analysing and visualizing the plots to the most important questions using Tableau.