

ADARSH SHANKAR

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WORK EXPERIENCE:

Software Engineer Intern, Oak Street Health, Chicago, USA.

June 2023 – August 2023

- Designed and implemented two automation bots using PowerShell, reducing the TechOps team's workload by **30%**, saving approximately **40 hours** per week.
- Enhanced operational efficiency by **45%**, leading to faster issue resolution and improved system performance in SolarWinds Orion and Database Performance Analyzer.

Tech Stack: PowerShell, SolarWinds Orion, Database Performance Analyzer, MySQL.

Systems Engineer, Infosys Limited, Bangalore, India.

December 2019 – September 2021

- Revamped **70%** of the user interface screens for the “**Medtronic**” web application, enhancing usability for over **100,000** users across 150 countries.
- Redesigned over **80%** of specifications and decode/encode/dependencies/pertinent rules for device parameters.
- Tested and debugged the implemented code using the Medtronic-defined test tool, Bench Programmer, reducing errors by **40%**.
- Created over **700+** test cases, ensuring comprehensive coverage and reliability.
- Optimized application efficiency by **35%** using the Test Runner tool.

Tech Stack: C#, JavaScript, ASP.NET, Jenkins, JSON, MySQL, Html, CSS, 2090 Programmer.

Data Analyst Intern, Ventalyst Business Solutions, Shivamogga, India.

July 2018 – October 2018

- Developed and curated **8+** datasets for modeling using Python and R, improving data analysis efficiency by **25%** through effective data cleaning, preprocessing, train/test set partitioning, and feature engineering.
- Conducted exploratory data analysis using seaborn, ggplot, Tableau, and Power BI, leading to a **30%** increase in actionable insights for business decisions.
- Implemented ML techniques such as regression, classification, and clustering to predict and explain datasets, enhancing model accuracy by **20%**.

Tech Stack: Python, R, MySQL, Excel, AWS, Tableau, Power BI.

TECHNICAL SKILLS:

- Languages:** Python, JavaScript, C++, SQL, Java, C#, C, PHP, R, PowerShell.
- Frameworks and Libraries:** HTML5, CSS3, STL, ReactJS, NodeJS. Express.js, REST API, XML, JSON, ASP.NET, Pandas, NumPy, matplotlib, seaborn, Scikit-learn, TensorFlow.
- Databases:** MySQL, SQLite3, MongoDB, Oracle, PostgreSQL.
- Tools and Others:** Tableau, Git, AWS, MS-Excel, Jenkins, Firebase, Heroku, SolarWinds, Data Structures and Algorithms, Object Oriented Programming, Distributed Systems.

ACADEMIC PROJECTS:

IoT-Based Smart Ambulance System.

- Spearheaded the team of **7** Students under **New Age Incubation Network Center** and Designed an Android application to create **One Path Clearance** for Ambulances using Java.

Tech Stack: Java, Python, R PI, Firebase, Android Studio.

Namma Karnataka.

- Created a website that gives details of **100+** of the tourist places of Karnataka.

Tech Stack: JavaScript, Html, PHP, CSS, Bootstrap, And MySQL.

[Link](#)

Sorting.

- Engineered a C++ computer graphics project with a user interface showcasing Selection, Merge, and Quick sort algorithms, won 1st place “**CG with DSA**” hackathon conducted by **NAINC**.

Tech Stack: C++, OpenGL, Computer Graphics.

[Link](#)

EDUCATION:

- Master of Science - Computer Science. (GPA: 3.7) (09/2022 – 06/2024): DePaul University | Chicago, IL.
- Bachelor of Engineering - Computer Science. (08/2015 - 07/2019): VTU | Karnataka, India.