

Pawan V

Bengaluru, Karnataka, India | +(91) 9739285834 | pawan.vijayaraghavan98@gmail.com | [LinkedIn](#) | [GitHub](#)

EXPERIENCE

Graduate Intern, Dell Technologies

Oct 2022 – Aug 2023

- Led transition from Spring-Fox to Spring-Docs in our Java Spring Boot app, improving API documentation crucial for upgrading to a newer Spring Boot version. Migrated over 90% of services to the new version, enhancing system efficiency.
- Enhanced backend APIs by developing comprehensive unit test cases for existing microservices, resolving bugs, and integrating new features. Achieved over 80% code coverage across the system and improved the SonarQube report for enhanced code quality assessment.
- Contributed to the open-sourcing of 80% of our backend services from OpenForge to GitHub by ensuring the obscurity of sensitive information, thereby fostering greater transparency and collaboration within the development community.

Associate Consultant, Entune IT Consulting.

Jul 2020 - Dec 2021

- Managed system health and performance as a BASIS consultant at Entune, ensuring optimal stability and operations for three top clients. Played a key role in setting up systems to meet client requirements and enhance operational efficiency.
- As a versatile team member, fulfilled roles as both a meticulous database administrator, overseeing tasks such as cleaning, backing up, and maintaining databases, and as a diligent functional consultant, rigorously testing new features and improvements to ensure alignment with expectations and optimal performance.

PROJECTS

Digital LifeCare | Backend Developer. | [\[Link\]](#)

Dec 2022

- Digital LifeCare (DLC) is a digital health platform empowering health systems to provide comprehensive primary healthcare services and manage non-communicable diseases (Diabetes, Hypertension and Common types of Cancers). It supports the Government of India's NCD Solution.

Technologies: Java, Springboot, Microservices, MySql

Cohort-Based Churn Analysis and Predictive Modeling| Personal Project.

Apr 2023

- Analyze customer churn by segmenting based on tenure into distinct cohorts like '0-12 Months' and 'Over 48 Months'
- Compare Single Decision Tree, Random Forest, AdaBoost, Gradient Boosting models and consider other supervised learning approaches and offer insights for retention strategies based on findings. | **Technologies:** Python, Numpy, Pandas, Scikit-learn library, Cohort analysis

SpamGuard: Naive Bayes Email Filter| ML Project.

July 2023

- "SpamGuard" employs Naive Bayes and Count Vectorizer to filter spam emails effectively.
- Trained on labeled data, it analyzes email content to differentiate between spam and legitimate messages, aiming to minimize spam intrusion and streamline email communication. | **Technologies:** Naive Bayes, Count Vectorizer, Python, Scikit-learn

CineMate: User-Based Movie Recommender | ML Project.

Dec 2023

- "CineMate" is a collaborative filtering project employing user-based recommendations and similarity indices to create an intuitive movie recommender system. By analyzing user preferences and similarities, the system suggests movies that align with individual tastes. | **Technologies:** Python, Machine Learning, Collaborative Filtering.

TECHNICAL SKILLS

Languages: Python, Java, C#, TypeScript, JavaScript.

Tools/Frameworks: Angular, SpringBoot, NumPy, Pandas, GIT, Junit.

Methodologies: REST APIs, Agile, Unit testing.

EDUCATION

Master of Technology - MTech, Information Technology | RV College of Engineering | CGPA – 8.1 Feb 2022 - Dec 2023

Bachelor of Engineering - BE, Computer Science and Engineering | VTU | CGPA

Aug 2016 - Aug 2020