Umarani Kumaresan . Jarvis Consulting

I have completed a Postgraduate Degree in Project Management from Algoma University, Canada, and hold a Bachelor's Degree in Electrical and Electronics Engineering from Anna University, India. Currently, I am a Software and Data Engineer at Jarvis Technologies Group Inc., where I leverage my skills to develop efficient and effective software systems. During my postgraduate program, I was a peer tutor, providing individual and small-group lectures to fellow students. I have strong expertise in managing product backlogs, tracking team velocity, and delivering incremental value in an Agile environment. I am well-versed in facilitating Sprint Planning, Daily Stand-ups, Sprint Reviews, and Retrospectives, ensuring effective collaboration and communication within diverse teams. With a solid proficiency in Java and Relational Databases, I greatly enjoy organizing and overcoming technical challenges, exploring new technologies, and developing software across various platforms. I am quick to adapt and eager to learn, constantly striving to expand my knowledge and skill set. I am looking forward to contributing to and growing with a successful software development team.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Docker, Rest APIs, Jira, Springboot, JavaScript

Familiar: HTML, CSS, JQuery, Confluence, Clickup

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_UmaraniKumaresan

Linux Cluster Resource Monitoring App [GitHub]: Developed a Cluster Monitor Agent that allows users to monitor and store hardware specifications and usage data for multiple Linux systems using bash scripts. The monitoring agent, when installed on each node, automatically collects hardware information and resource usage data from the server and persists it to the PostgreSQL database provisioned using Docker. Periodically, resource usage is obtained using Crontab, and then the collected data can be manipulated using SQL queries. Implemented Git for version control and used GitHub as the central repository, enabling effective code review and collaboration among team members.

Core Java Apps [GitHub]: Not Started

Spring RESTful Microservices App [GitHub]: Not Started

Python Data Analytics [GitHub]: Not Started

Hadoop [GitHub]: Not Started

Spark [GitHub]: Not Started

Cloud/DevOps [GitHub]: Not Started

Highlighted Projects

Dealer Management system: Worked on projects like a Dealer Management System providing functionalities for member registration, order management, and inventory tracking. Developed REST services and database procedures for a Dashboard. Also contributed to a Visit Management System, capturing location details for account managers visiting shops.

School Management system: Developed a Student Management System with features including student registration, attendance tracking, allergy lists, academic reports, extracurricular activities, medical records, family contacts, and messaging for arrival, parent pickup, or bus drop-off.

Professional Experiences

Software Developer, Jarvis (2024-present): At Jarvis, I am part of a cross-functional team, working collaboratively to design, develop, and implement software systems. With my strong skills in Java and SQL, I am responsible for writing high-quality, efficient, and scalable code. I use cutting-edge technologies such as Docker, Linux/Bash, Git, and GitHub to manage the software development process and ensure code reliability. I am dedicated to delivering software features that meet the requirements, and I am always up to date with the latest industry trends and best practices. Additionally,

I actively participate in Agile development processes, using the Scrum methodology to meet project deadlines and deliver high-quality software solutions.

Software Developer, Infoline Oman (2016-2022): Actively participated in Agile ceremonies, driving project success and team collaboration. Experienced in developing and scaling Java-based web applications. Collaborated with cross-functional teams to deliver high-quality software solutions. Proficient in translating business requirements into technical solutions, creating comprehensive documentation, and facilitating review sessions. Introduced process improvements, reducing project delivery time and enhancing software quality.

Quality Analyst, Oman Computer Services (2010-2016): Facilitated user acceptance and functional testing, ensuring a seamless user experience while reducing project risks through proactive mitigation. Conducted cross-browser compatibility testing, resolving all UI issues and collaborated with off-site teams, reducing project completion time. Developed custom UI test script templates and defect trackers and reducing defects.

Technical Support Engineer, Slash Support (2006-2009): Provided technical support for Linksys products, resolving customer issues on first contact. Troubleshoot technical issues maintained accurate customer records and ensured data integrity.

Education

Algoma University (2022-2024), Post Graduate Certificate in Project Management, Project Management - GPA: 3.7/4.0

Anna University (2002-2006), Bachelor of Engineering, Electrical and Electronics Engineering - GPA: 7.6/10.0

Miscellaneous

- Volunteer at Miniskool - Early childhood Education
- Volunteer teaching Tamil at Tamil Sangam