SELVA KANNAN A

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EXECUTIVE SUMMARY

A **BIOVIA Developer** with 1.7 years of experience in managing laboratory information systems and providing technical support. Well-versed in Pipeline Pilot and experienced with the Onelab suite applications, including Compose & Capture and CISPro. Strong problem-solving skills with a focus on optimizing workflows and integrating laboratory technologies. Adept at customer support and communication, with knowledge of Agile methodologies.

FUNCTIONAL EXPERTISE

- **BIOVIA Pipeline Pilot**
- **BIOVIA Foundation Hub**
- **Scalable Solution Development**
- **BIOVIA OneLab (Compose & Capture, CISPro,TaskPlan)**
- **SDLC experience**

FUNCTIONAL EXPERTISE DEMONSTRATED

CAPGEMINI   July 2023 - Current
Capgemini is a global business and technology transformation partner, helping organizations to accelerate their dual transition to a digital and sustainable world.

Associate Software Engineer (2023 – Current)
Responsible for customizing, configuring, and extending BIOVIA applications to align with business requirements. Provides ongoing system support, troubleshooting, and documentation to ensure optimal BIOVIA functionality and user adoption.

- **BIOVIA Pipeline Pilot:** BIOVIA Pipeline Pilot: Developed and customized GUI components to enhance functionality and user experience. Worked on report generation, ensuring accurate data visualization and structured output. Implemented label printing functionality for selected samples, improving laboratory efficiency. Created new components in PLP to extend capabilities and optimize workflows. Integrated Pipeline Pilot with ENOVIA, enabling seamless data exchange and automated workflow execution. Created detailed design documents, outlining system architecture, workflows, and implementation strategies. Provided support, troubleshooting, and optimizations to enhance performance and usability.

- **BIOVIA Foundation Hub:** Configured Hub, including the creation of vocabularies and extended properties for samples, tasks, and task plans to standardize data management. Developed and implemented Pipeline Pilot protocols to automate workflows and enhance system capabilities. Designed and configured parameter templates to streamline user inputs and ensure consistency. Managed user access control by creating groups and organizations, enabling structured role-based permissions. Provided support and optimizations to improve system performance and usability.

- **BIOVIA OneLab:** Developed and executed methods based on Standard Operating Procedures (SOPs) provided by users, ensuring alignment with laboratory standards and business requirements. Designed, implemented, and validated around five methods, optimizing data processing and workflow automation. Worked on CISPro for creating and managing materials, ensuring accurate inventory tracking. Developed and configured task plans, automating workflows and improving efficiency in laboratory operations.

• **Scalable Solution Development:** Designed and implemented scalable BIOVIA solutions that effectively supported growing data volumes and expanding user base while maintaining optimal system performance and ensuring seamless integration with existing enterprise systems.

• **SDLC experience:** Engaged in every phase of the SDLC, encompassing requirement analysis, solution design, configuration/development, code review and testing activities.

ACHIEVEMENTS

Received the WOW Award in the current organization as a token of appreciation for outstanding contributions and dedication to work. Actively participated in a hackathon, where I proposed an innovative idea tailored to customer needs. The idea was successfully implemented, enhancing efficiency and addressing key business challenges. Recognized for problem-solving skills and the ability to drive impactful solutions.

TECHNICAL SKILLS

- Core Java, JavaScript, HTML, CSS
- Azure DevOps
- Pilot script

EDUCATION

- **B.E Mechatronics Engineering**, Kumaraguru College of Technology   - **8.6 CGPA**
  (July 2019 – April 2023)
- **H.S.C**, SJSSJ Higher Secondary school   - **87 %**
  (Jun 2018 – April 2019)