KARTHIKA MANICKAVASAGAM

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Software Engineer with 6 years of experience in Java, Python, Shell Scripting, and DevOps. Proven success in automation, migration, and web development projects across banking and enterprise domains. Skilled in full stack development lifecycle, cross-functional collaboration, and delivering high-impact solutions.

EXPERIENCE

MAY 2016
MAY 2022

TECHNOLOGY ANALYST, INFOSYS

Automated access request workflows for banking applications using Java and Unix scripting. Integrated role updates via centralized servers and scripting. Migrated source code from SVN to Git using Git Bash and Bitbucket. Migrated legacy Python 2.x scripts to Python 3.x for banking tools. Provided operational support for Autosys job scheduling and executed regression testing using Cucumber to ensure system reliability.

MAY 2022-TILL

CARREER BREAK

Although I have been on a career break, I have remained actively engaged in updating my technical skills and bring prior hands-on experience in Microservices architecture and development.

EDUCATION

JUNE 2016

BACHELOR OF ELECTRICAL & ELECTRONICS

Graduated with First Class honors from a four-year engineering degree program.

JUNE 2012

HIGHER SECONDARY SCHOOL

Completed Higher Secondary Education with First Class, specializing in Computer Science, Mathematics and Science.

KEY QUALIFICATION

- Strong technical knowledge on agile methodology project
- Excellent communication skills, both verbal and written
- Attention to detail and accuracy on gathering requirement and Business issues
- Ability to collaborate effectively with business users

TECHNICAL SKILLS

- Languages & Frameworks: Core Java, Microservices, PowerShell, Linux/Unix Shell Scripting
- DevOps Tools: AutoSys, Bitbucket, SVN, JIRA
- Databases: SQL Server, Sybase, TOAD
- Operating Systems: Office 365, Linux
- Project Management: Agile, Jira

Experience summary

Technology Analyst
Infosys Ltd, India
May 2016 – May 2022

Automation Project *(Nov 2019 – May 2022)*
- Developed and maintained automated access request workflows for banking applications using Java and Unix shell scripting.
- Streamlined role update processes by integrating centralized server logic with custom scripting solutions.
- Developed AutoSys jobs and regression test cases using Cucumber.
- Deployed production changes via Bitbucket and monitored job execution.

Migration Project *(Jun 2019 – Oct 2019)*
- Led source code migration from SVN to Git, utilizing Git Bash and Bitbucket for version control and repository management.
- Automated user reports via shell scripting.
- Led requirement analysis and client communication.

Python 3.7 Migration *(Jan 2019 – May 2019)*
- Upgraded legacy Python 2.x scripts to Python 3.x, enhancing performance and compatibility across banking automation tools.
- Conducted regression testing and collaborated with users for validation.

Automation Project *(Jun 2017 – Dec 2018)*
- Automated access provisioning for 8 banking applications using Java and AutoSys.
- Designed command jobs and test cases; coordinated with business stakeholders.
- Led task assignment and ensured timely delivery.

Onboarding Application *(Nov 2016 – May 2017)*
- Developed a web-based onboarding tool using Java, JSP, MySQL, and Bootstrap.
- Enabled employee data updates and PDF generation for onboarding documents.
- Conducted JUnit testing and direct sector-level requirement gathering.

Key Responsibilities Across Banking Automation Projects:
- Collaborated directly with clients and business stakeholders to gather functional and technical requirements, ensuring alignment with project goals and compliance standards.
- Designed and implemented automation workflows for access request processes using Java and Unix shell scripting, improving operational efficiency across banking applications.
- Developed and executed automated test cases using Cucumber, and performed regression and unit testing to validate application stability and business logic.
- Created dynamic scripts to auto-assign and update user roles for specific applications, integrating with centralized role management systems.
- Scheduled and monitored batch jobs using AutoSys, ensuring timely execution and proactive issue resolution.
- Conducted scenario-based testing from a user perspective to validate end-to-end functionality and user experience.
- Managed deployment activities via Bitbucket, ensuring smooth and secure transition of code changes into production environments.