Preethy Krishnamoorthy

preethybecs@gmail.com | +44 7424 626902
linkedin.com/in/preethy-krishnamoorthy

Skills
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Languages: Java, Python, JavaScript, TypeScript, SQL

Frameworks & Tools: Spring Boot, Selenium, RestAssured, Cypress, Playwright, JUnit, TestNG, REST APIs, Microservices, MQ, JMeter, Postman, Splunk, Jira, Confluence

Software Development: Object-Oriented Design & Programming (OOP), Design Patterns & SOLID Principles, Microservices Architecture, RESTful API Design and Development, Unit Testing & Test-Driven Development (TDD), Code Review & Refactoring, Distributed Systems Fundamentals, Agile & Scrum Methodologies

CI/CD & DevOps: Jenkins, GitHub, CircleCI, Docker, Maven, Gradle, Git Version Control

Practices: Agile, System Design, Secure Coding (SAST/DAST), CI/CD

Work Experience
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Lloyds Banking Group – London, UK
Lead Software Engineer | Jan 2023 – Present

- Lead a team of engineers in developing scalable Java/Python microservices and automation frameworks integrated with Jenkins CI/CD pipelines, improving release speed by 40%, saving £450k annually.
- Architect and review technical designs to ensure alignment with business goals and technical feasibility.
- Mentor junior and mid-level engineers, fostering a collaborative, high-performing culture.
- Collaborate with solution architects, product owners, and cross-functional teams to ensure regulatory compliance and optimal system design.
- Drive process improvements across teams, including integration of GitHub Copilot for enhanced productivity.
- Manage stakeholder communication to balance technical constraints with business needs.
- Facilitate agile ceremonies and lead sprint planning, code reviews, and defect triage.

Orgvue – London, UK
Senior Software Development Engineer in Test | Dec 2021 – Dec 2022

- Led development of Playwright-based automation tests using TDD, improving test efficiency by 30%.
- Delivered CI/CD test pipelines integrated with Azure DevOps.
- Collaborated with UI and product teams to identify and resolve design-phase issues, reducing late-stage bugs by 25%.
- Mentored team members and shared automation best practices.

Wipro @ Lloyds Bank – London, UK & Bangalore, India
Software Engineer in Quality / Chapter Lead | Nov 2016 – Dec 2021

- Led automation strategy across multiple squads, automating 98% of regression tests and reducing execution time from 2 weeks to 3 minutes, saving £200k annually.
- Designed scalable test automation frameworks for high-volume banking platforms processing 450M+ weekly transactions.
- Developed stubs and mock services to reduce upstream dependencies, accelerating delivery by 35%.
- Integrated DAST/SAST security testing into CI pipelines, improving vulnerability detection by 30%.
- Embedded JMeter performance tests into CI/CD, reducing API response times by 25%.

Wipro @ Walmart – Bangalore, India
Test Automation Engineer | July 2012 – Nov 2016

- Developed ETL automation and data validation solutions, reducing data defects by 25% and manual effort by 30%.
- Automated complex data pipeline tests, improving accuracy and efficiency of Walmart's reporting platform.

Certification and Education
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- ISTQB Certified Tester
- Bachelor degree in Computer Science and Engineering (2008 - 2012) | CGPA: 9/10

Awards & Recognition
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- Winner – Best Test Automation Project (European Software Testing Awards 2019)
- Finalist – Software Engineer of the Year (Women in Tech Excellence Awards 2020)