

Contact

Newcastle upon Tyne, United Kingdom
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Top Skills

Scala
Java
Play Framework

Languages

Hindi (Native or Bilingual)
English (Native or Bilingual)
Marathi (Native or Bilingual)

Certifications

Functional Programming Principles in Scala
Agile Project Management
Agile at Work: Planning with Agile User Stories
Functional Program Design in Scala

Honors-Awards

AIR (All India Rank) 9 in 7th National IT Aptitude Test
AIR (All India Rank) 17 in 6th National IT Aptitude Test

Madhura Nakate

Solutions Architect
Newcastle Upon Tyne, England, United Kingdom

Summary

SKILLSET - Scala, Play framework, MongoDB, Git, Jenkins, Kibana, Grafana, Linux

Resourceful and versatile developer with programming skills in Scala and Java with Play framework

Well equipped in Agile methodologies and Scrum techniques
Ability to lead and motivate a team to self-organize with agility and collaboration.

Knowledge and hands on experience of entire SDLC with end to end understanding of release process.

Fast learner with proven success in delivering on tight deadlines while working in challenging and fast paced environment
Ability to utilize innovation, leadership and teamwork to design and execute solutions to deliver quality software.

6 years of previous experience in automation & manual testing using Selenium, Jenkins, Git, Cucumber, Jira, TeamCity.

Experience in designing and developing automation framework from scratch

Experience in configuring entire Jenkins CI setup for testing activities along with selenium grid and node management with ssh

Experience

Capgemini
2 years 5 months

Solutions Architect
April 2024 - Present (1 year 6 months)
Newcastle Upon Tyne, England, United Kingdom

Software Engineer Lead
May 2023 - March 2024 (11 months)
United Kingdom

Accenture UK

5 years 11 months

Application Development Specialist

December 2021 - March 2023 (1 year 4 months)

Newcastle upon Tyne, England, United Kingdom

Lead Scala Developer for Pensions Online Digital Service at HMRC (since July 2021)

- Leading a team of 9 developers and 5 testers
- Responsible for leading development of PODS, one of the biggest services on HMRC's MDTP platform
- Involved in end-to-end SDLC including developing and releasing new services to the platform while working in an agile environment,
- Working closely with the Product Owner, Business Analyst, Technical Architect, Design and other platform teams across the centre to make sure that excellent quality code is delivered to the end users while meeting timelines and various standards of accessibility, performance, security and design.
- Building a service that is GDS (Government design system, UK) compliant and passes several assessments before going live.
- Building an in-house locking system from scratch for a custom user need based on complex rules of concurrency allowed for users of the system.
- Continuously providing technical input right through the discovery phase until the final release
- Hosting multiple demos for business stakeholders
- Overseeing the team's live service with multiple improvements deployed iteratively based on user needs identified during UR and resolving production issues with extremely fast turnaround time
- Encouraging CI/CD principles using Jenkins for automatic build and deploy cycles and multiple releases to production on a daily basis.
- Mentoring, training and directly supervising multiple team-members to help them achieve their career goals
- Championing Scala as a technology while enabling multiple developers to transition smoothly from Java to Scala

Application Development Senior Analyst

February 2018 - November 2021 (3 years 10 months)

Newcastle upon Tyne, United Kingdom

My typical working day includes -

Delivering high quality Scala code using play framework

Creating unit tests, and helping with performance and cucumber integration tests

Creating, maintaining and monitoring Kibana dashboards and visualisations
Performing deployments and releases to production environment
Performing presentations to brief the stakeholders about development activities
Analysing functional and design requirements to make architectural decisions and deciding line of action
Striving to bring improvement and new knowledge to the team through Scrum ceremonies and knowledge sharing sessions

Techstack: Scala, Play framework, MongoDB, Git, Jenkins, Kibana, Grafana, Linux, IntelliJ IDEA

Test Engineering Senior Analyst
May 2017 - January 2018 (9 months)
Newcastle upon Tyne, United Kingdom

Enhanced and maintained the Automation framework
Automated penetration testing and performance testing through integrating tools viz. OWASP ZAP and JMeter in the existing framework
Created a tool to perform bulk migration of automated tests from an inhouse automation tool to Selenium. This tool ended up saving multiple months of effort through automation
Integrated the ability to capture screenshots to Cucumber tests and other minor enhancements
Configured Jenkins pipeline to streamline the testing process

Optymyze (Formerly Synygy)
Senior Software Engineer, Testing
April 2014 - March 2017 (3 years)
Pune Area, India

Winner of Innovation day, Hack day and Bug hunting day in this organization
Owns and maintains multiple project components of Optymyze with end to end STLC
Follows agile processes and leads team in the role of a 'Scrum master'
Experience in functional, UI, upgrade, browser compatibility and integration testing
Defect logging and validation using tools like Quality centre and Jira
Automates use cases using selenium based software Twist, Gauge and Cucumber
Familiar with continuous integration using Jenkins and Team city
Supports maintenance of automation framework

Implemented a large-scale process improvement initiative to facilitate new project implementations for Services team
Experience in conducting interviews, on boarding and training new hires
Proven success in handling an entire team efficiently
Experience in Release Management

Synogy

Software Test Developer

January 2012 - March 2014 (2 years 3 months)

Managing the entire STLC including
Functional design meetings and finalization
Test planning and goal creation
Exploratory testing/Manual Testing
Test case creation
Test Automation
Regression Analysis
