Nitin Padal

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SKILLS

- **Languages**: Java, C, C++, Python, SQL, PL/SQL, JavaScript, HTML, CSS.
- **Frameworks & Libraries:** Spring Boot, Selenium, Appium, JUnit, TestNG, EclEmma, Maven, JMeter, Postman, Katalon Studio.
- **Testing & Automation:** Selenium WebDriver, Appium, JMeter, Postman, Katalon Studio.
- **CI/CD & DevOps:** Jenkins, Docker, Kubernetes.
- **Database:** MySQL, PL/SQL.
- **Version Control & Collaboration:** Git, GitHub, Bitbucket, Jira.
- **Soft Skills**: Team Collaboration, Agile Methodology, Leadership, Effective Communication, Strategic Planning, Decision Making, Project Coordination, Learning Agility.

PROJECTS

Automated and Performance testing for E-Commerce Website   Oct 2024 -Nov 2024

- Automated 95% of key workflows such as authentication, product selection, cart management, checkout, and logout, reducing manual testing time by 60%.
- Conducted performance testing using JMeter, identifying bottlenecks and improving response time by 30%.
- Utilized Katalon Studio for functional UI and end-to-end testing, generating structured reports that improved debugging efficiency by 40%.
- Configured Extent Reports for better visualization of test execution, improving debugging speed by 35%
- **Tech**: Katalon Studio, JMeter.
- **Github Repository Link**: https://github.com/nitinpadal/Automated-performance-Testing

E-Commerce Workflow Automation with Selenium: Sept 2024 -Oct 2024

- Developed a Selenium-based automation framework, reducing test execution time by 50% and increasing test coverage by 80%.
- Implemented TestNG assertions, reducing failure detection time by 40%.
- Integrated Maven for streamlined dependency management and automated test execution, cutting setup time by 25%.
- Validated functionality across Chrome, Firefox, and Edge, ensuring 100% browser compatibility.
- **Tech**: Selenium WebDriver, TestNG, Java, Maven.
- **Github Repository Link:** https://github.com/nitinpadal/SauceDemo-Automated-Testing

Student Management System::   Apr 2024 – Jul 2024

- Designed a REST API for student data management, improving system scalability and reducing manual data entry errors by 25%.
- Automated testing with Postman, decreasing regression testing time by 40% and ensuring 99% test coverage.
- Enabled real-time data synchronization between API and front-end, enhancing user experience by 15%.
- Optimized database queries, reducing API response time by 35%.
- **Tech**: Spring Boot, PostMan, Java, Maven.
- **Github Repository Link**: https://github.com/nitinpadal/Java-Backend-Development-with-spring-boot

SUMMER INTERNSHIP/TRAINING

Java Backend Development with spring boot - Programming Pathshala   Apr 29, 2024 – Jul 20, 2024

- Developed scalable Java applications using Spring Boot, reducing backend processing time by 30%.
- Explored microservices-based design patterns, improving modularity and scalability of applications
- Configured Maven for MVC-based REST API development, accelerating project setup by 40%.
- Collaborated with a team of 5 peers and mentors to enhance application security, reducing vulnerability risks by 25%.
- **Tech stacks used**: Spring Boot, Java, Maven, PostMan.

CERTIFICATES

Web and Mobile Testing with Selenium   Sept 2, 2024 - Oct 20, 2024
Coursera — Certificate Link
Java Backend Development in Spring Boot   Apr 29, 2024 – July 20, 2024
Programming Pathshala — Certificate Link
Mastering Data Structures & Algorithms using C and C++   March 15, 2024 -May 2, 2024
Udemy — Certificate Link

ACHIEVEMENTS

- Solved 100+ coding challenges on LeetCode, increasing problem-solving efficiency by 30%.(LeetCode Profile).
- Achieved proficiency in competitive programming and algorithm design for technical problem-solving.
- Achieved C1 proficiency (693) in British Council Core Skills Test, placing in the top 5% of test-takers worldwide.

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 7.81   *Since August 2022*

- **Sri Chaitanya Techno School** Visakhapatnam, Ap
  *Intermediate; **Percentage: 71.8%*** *April 2018 - March 2020*

- **UG Govt high school, Pukali** Pukali, Odisha
  *Matriculation; **Percentage: 60%*** *April 2016 - March 2018*