

Aditya Lochan Sharma

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VISA Status: Canadian Work Permit | **Relocation:** Anywhere in Canada

PROFESSIONAL SUMMARY | adityalochansharma.com

- Experience in Software Analysis, Design, Documentation, Implementation, Testing using **Java/J2EE** technologies.
- Experience in implementing **Collections, Data Structure** and **Algorithms**.
- Experience in **relational** database design, indexing and writing complex **SQL** queries, **Stored Procedures**.
- Experience in **Functional Testing**, writing **JUnit** test cases, using **Selenium** and use of version control tool **SourceTree, GIT, SVN**.
- Involved in **CI/CD** development and use of **Agile/SCRUM** development methodologies.

TECHNICAL SKILLS

Framework	: Spring, Spring Boot, React, BackboneJS, Selenium
Languages	: JAVA/J2EE, PL/SQL, JavaScript, Python, XML, JSON, C++
Database	: Oracle 12c, Oracle APEX, SQLite
Web Technologies	: CSS, Bootstrap, REST API, XHTML, Apache Tomcat, AWS, S3, Dynamo DB, AWS Lambda
Tools	: IBM Websphere, Jira, Jules, Jenkins, CI/CD, Maven, SourceTree, GIT, TortoiseSVN, AWS, SQL Developer, Eclipse IntelliJ, SonarQube, Sonar Lint, IBM MQ, Fitnesse/Cucumber, Sublime, ESRI, VS Code, Android Studio, GIS, Tableau, SPSS, Stata, R Studio, Vmware, Atom

EXPERIENCE

Penske, St.Petersburg (Associate Software Engineer 3) | DLScanner, Rental Inspections & Flex Rentals Jun 2023 - Present

- Leading three projects and part of tech refresh including infrastructure, database, backend, and migration from monolithic to microservices.

Technology: Java, Springboot, Javascript, Openshift, Kubernetes

JP Morgan Chase & Co., St.Petersburg (Associate Software Engineer 2) | Chargeback-Post Deposit Application Sep 2020 - Mar 2023

- Directed a team of 4+ interns. Acted as scrum master and provided technical guidance. All interns joined as full-time employees.
- Added new features, functionality at backend using Java, Spring, Springboot, Junit for test coverage.
- Developed debit UI screen on Javascript, connecting UI to backend using REST API calls and using Java, Elasticsearch technologies.
- Resolved production incidents during critical hours and performed data patching as part of release management.

Technology: Java, Springboot, React, Javascript, Bash/Shell Scripting, SQL, Control-M, Junit5, Websphere, AWS, S3, EC2

JP Morgan Chase & Co., Tampa (Associate Software Engineer) | PSFX-Payment Service Foreign Exchange Aug 2018 - Sep 2020

- Added new application features, increased code efficiency/stability, sonar bug fixes, and supported release management.
- Worked on automation framework Selenium and Cucumber to automate test cases.
- Increased application test coverage using Junit, increased code efficiency/stability, resolved sonar bug fixes and validated SSAP scans.

Technology: Java, SQL, Linux, SpringBoot, Microservices, IBM MQ, Selenium, Cucumber

Center for Urban Transportation and Research, USF (Graduate Research Assistant) May 2017 - May 2018

- Contributed to research “Robust Automated Pedestrian Detection System” and “Automated Campus Shuttle Pilot Study”
- Contributed to research on “Probability of Pedestrian Crashes and Socio-economic factors” involving literature review, data collection, model specification and regression analysis, making pedestrian travel safer. <http://bit.ly/2JQbxRn>

Technology: SQL, GIS, SPSS, Stata, Excel, SPSS, MS Word | **Recommendations:** <http://bit.ly/2t50zxQ> , <http://bit.ly/2K4jmDr>

Bureau of Indian Standards,India (Intern) Feb 2016 - Jul 2016

- Programmed “Feedback Analysis” software using Hadoop Framework. **Technology:** Hadoop, Java, Flume, MapReduce

Power Finance Corporation LTD, India (Intern) Jun 2015 - Jul 2015

- Developed “Contract Monitoring System” that stores memos related to contracts. **Technology:** ASP.NET, ADO.NET, C#, MS Access

Yamaha Motors India Pvt. Ltd, India (Intern) Jul 2014 - Aug 2014

- Collaborated in design and hosting of a social static website for Yamaha stakeholders. **Technology:** AWS – EC2 and S3, Git

Microsoft Corporation, India (Intern/Ambassador for company’s marketing campaign) Jun 2014 - Jun 2015

- Readily assisted in company’s operations by handling various marketing initiatives, and helped company increase its outreach.

PROJECTS

Pedestrian Crossing Android Application Jan 2018 - May 2018

- Developed an android application for automated pedestrian crossing. The application would help pedestrian’s (USF student’s) commuting easier, preventing jay walking. **Technology:** Android Studio, XML, Java, Google API <http://bit.ly/2v89EuD>

USGeoRSS Earthquake Markers Feb 2017 - April 2017

- Built an Interactive app involving Geo-visualization in Java using Unfolding Maps library. Application analyze live earthquake GeoRSS feeds from USGS website using data structures and generics. **Technology:** Java/J2EE, Spring <http://bit.ly/2t7RkwV>

Penetration testing on Windows 7 machine using Kali Oct 2016 - Dec 2016

- Modified vulnserver to remove buffer overflow vulnerability and penetration tested Windows 7 machine using Kali. Ports were scanned for vulnerabilities, services targeted, system exploited by creating binary reverse shell. **Technology:** Kali Linux, Shell Scripting, Metasploit

Online Hospital Reservation System Oct 2016 - Dec 2016

- Created an Online Hospital Reservation System using Oracle Sql 12c. Employed ERD through Oracle Normalization, Indexing, Range Partition, and Transaction Processing. **Technology:** Oracle Sql developer 12c, SQL <http://bit.ly/2HMBcfi>

CERTIFICATIONS

Google Developer NanoDegree: Android Development Jan 2019

C++ and Data Structure Jun 2013

EDUCATION

MS in Information Technology (3.67/4) University of South Florida, Tampa FL May 2018

B.Tech. in Computer Science Engineering (3.1/4) Ansai University, Gurgaon INDIA Jul 2016

ACHIEVEMENTS

- Research project solicitation award (Application of Dynamic Prediction Methodology to FDPT&TSMO Programs)
- **2x IRONMAN 70.3, Ultra-Runner (100K), Century Rider (Imperial System) & Half-Marathon swimmer**