Aditya Lochan Sharma

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PROFESSIONAL SUMMARY | adityalochansharma.com

- Experience in Software Analysis, Design, Documentation, Implementation, Testing using **Java/J2EE** technologies.
- Expert 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++
Web Servers	: Apache Tomcat, AWS
Database	: Oracle 12c, Oracle APEX, SQLite
Web Technologies	: CSS, Bootstrap, REST API, XHTML
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

JP Morgan Chase & Co., St. Petersburg (Associate Software Engineer) | Chargeback Application   *Sep 2020 – Present*
- Working for Post Deposit Application CHARGEBACK. **Technology: Java, React, BackboneJS**

JP Morgan Chase & Co., Tampa (Associate Software Engineer) | Payment Service Foreign Exchange   *Aug 2018 – Sep 2020*
- Working for cross border payment application PSFX (Payment Service Foreign Exchange). Added new application features, automation framework, increased code efficiency/stability, performed CI/CD integration, sonar bug fixes, release management.
  Technology: Java, SQL, Linux, SpringBoot, Microservices, IBM MQ

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, helping company collect social media data. Assisted company increase customer outreach, increased sales by analyzing customer sentiments. **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, procurement's, and details about parties involved. Helped increase company client interaction. **Technology**: **ASP.NET, ADO.NET, C#, MS Access**

Yamaha Motors India Pvt. Ltd, India (Intern)   *Jul 2014 - Aug 2014*
- Collaborated in the design and hosting of a social static website for Yamaha stakeholders using AWS, RDP and VPC services.
  Technology: **AWS – EC2 and S3, Git**

Microsoft Corporation, India (Intern/Ambassador for company's marketing campaign)   *Jun 2014 - Jun 2015*
- Devised the organizational flow for market which involved handling of prospective clients and stakeholders.
- Readily assisted in company's operations by handling various marketing initiatives, helping 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/2y89EuD**

USGeoRSS Earthquake Markers   *Feb 2017 - April 2017*
- Built an Interactive application 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

Cloud DevOps Engineer NanoDegree	*In Progress*
FullStack Developer NanoDegree	*In Progress*
Google Developer NanoDegree: Android Development	*Jan 2019*
C++ and Data Structure	*Jun 2013*

EDUCATION

MS in Information Technology	**University of South Florida, Tampa FL**	*May 2018*
B.Tech. in Computer Science Engineering	**Ansal University, Gurgaon INDIA**	*Jul 2016*

ACHIEVEMENTS

- Research project solicitation award (Application of Dynamic Prediction Methodology to FDPT&TSMO Programs)
- Olympic Distance Triathlete & Century Rider