AMIT BANSAL

10223 Calloway Dr. Charlotte NC 28277 | Phone: 803-446-1274 | **Email**: amittbansal1606@gmail.com
https://www.linkedin.com/in/amittbansal/ | https://amittbansal.github.io/

SUMMARY

- Strong Knowledge on Application Development using Software Development Life Cycle SDLC using various methodologies like Waterfall, Agile/Scrum.
- Hand on experience in working with various J2EE technologies including Hibernate, Struts MVC Framework, Servlets, JDBC, AJAX, Web Services and Gradle, logging and Debugging using Slf4 and Log4j, unit and integration testing using JUnit.
- IT experience in analysis, design, development, documentation, implementing and testing of software systems in Java, J2EE, User Interface (UI) and Internet technologies.
- Good experience in developing Web Services RESTful, JAX-WS, WSDL.
- Experience in using build/deploy tools such as Jenkins, Docker for Continuous Integration & Deployment (CI-CD) for Microservices.
- Experience in developing Microservices using Spring Boot and followed domain driven design.
- Experience in Configuring and deploying applications on Tomcat 5.5/6.0/7.0 server.

SKILLS

- **Programming skills**: Python, C++, R, Java, C#, AngularJS
- **Databases:** Oracle: PL-SQL, SQL, MySQL, NoSQL and SQL Server
- **Framework:** WCF, WPF, MVC, AJAX, JUnit
- **Web technology:** HTML5, CSS3, JavaScript, JSP, XML, Bootstrap, Json
- **Operating Systems:** Linux, macOS, UNIX, Windows
- **Other**: Informatica, TIBCO EMS, shell script, Git, Spring Boot, Visual Studio, Gradle, Maven, Spring, Struts 1.1, 2.0, Hibernate, JPA, Agile and waterfall methodology, GitHub

PROFESSIONAL EXPERIENCE

Cognizant | Senior Associate (Full Stack Developer – Wells Fargo) | charlotte, USA   **December 2019 – Current**

- Analyze Business requirements and work with various technology teams to determine solution strategy for risk technology solution.
- Build Microservice APIs using Spring boot to consume and deliver large scale of confidential data.
- Used Spring server for centralized configuration and Splunk for centralized logging. Integrate Jenkins for automatic Microservices deployment.
- Integrated Swagger UI and wrote integration test along with REST document.
- Implemented entities using Hibernate API and Hibernate QL.
- Organize/coordinate multiple LOB deliveries within technology priority and deliver commitment.
- Support Business-As-Usual (BAU) for existing applications, support business risk and finance regulatory reporting.
- Fix issues with existing Java Integrations, enhancing existing Java based APIs
- Establish best practices on distribution & consumption of Microservice APIs.
- Responsible for implementing UI using Angular.

CGI | Consultant (Software Developer) | Columbia, USA   **June 2017 – December 2019**

- Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
- Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle SDLC.
- Converted a monolithic app to microservices architecture using Spring Boot. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
- Working on Informatica Workflow Monitor/Manager and Power center developer such as motoring the workflows.
- Enhance and work on the Unix Shell Scripts and ksh/bash shell to automate backend report and other jobs.
- Scheduling jobs on AutoSys scheduler including monitoring and admin task on the UNIX servers.
- Ensured compliance of client SLAs and creating reports using automated tool (BOXI) for management.
- Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.

UNIVERSITY OF SOUTH CAROLINA | Graduate Research Assistant | Columbia, USA   **Feb 2016 – May 2017**

- Developed a high-performance computational tool based on python and R to effectively mine the spatiotemporal patterns of people's experience, needs and opinions during election time.
- Performed descriptive and multivariate statistical analyses of the processed twitter data using python libraries NumPy, skuzzy etc.

Saffron e-Services | Project Intern | Noida, India   **May 2013 – June 2013**

- Assisted a developing team working on a project titled "Social world" that connected social networks and e-learning.
- Scrutinize & anatomize C# implemented projects to comprehend software development strategies and approaches.
- Used SQL database and ADO.net for its storage and connectivity purposes, Worked on GUI Part of various models with the help of ASP.Net and AJAX
- Tested & debugged various modules to find out bugs and removed them under the guidance of the testing team.

Silicon Star Info India Private Ltd. | Software developer Intern | Jaipur, India   **June 2012 – July 2012**

- Worked as a developer intern with a team to automate some of the company payroll management department work.
- Developed various modules including payroll computation and reports generation module in Visual basic and C++.
- Optimized code of the modules to reduce the execution time and maximize the efficiency.

EDUCATION

Master of Engineering in Computer Science and Engineering	**May 2017**
University of South Carolina - Columbia	**GPA** - 3.4	
Bachelor of Technology in Computer Science and Engineering	**May 2014**
Amity University - India	**GPA** - 3.73	

CERTIFICATIONS

- Certificate of Graduate Study in Information Assurance and Security

PROJECTS

- **MEETING ENGAGEMENT AND TRACKING SYSTEM:** Meeting organize and track system for employees implemented using agile scrum process in Java, MySQL database, Emma and Junit.
- **COMPILER CONSTRUCTION:** Designed and implemented a C Compiler (and assembler into x86) on Linux 32-bit architecture using flex and bison.
- **APP DEPLOYER USING DOCKER AS PAAS (PLATFORM AS A SERVICE):** Docker based application implemented using python for handling application related deployment on virtual environment on cloud.
- **MOTEL RESERVATION SYSTEM:** Web based J2EE application that maintain organization online identity and helps to serve their client along with automation of assets, data maintenance task and bill processing system
- **CLIENT SERVER MESSAGE EXCHANGER:** C# based application that multicast a message between users in an environment
- **SPATIOTEMPORAL PATTERNS TOOL:** Developed a tool using python, R and packages NumPy, matplotlib, skfuzzy, word cloud to predict the behavior or reaction of people on social media during any event or activity.