

Ashwini Trale

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WORK EXPERIENCE

Amazon, Austin, TX | *Software Development Engineer*

June 2022 – Present

- Worked on re-architecture of legacy system and migrated to Native AWS. Developed high level design, low-level design, and sequence diagrams. Programmed a cost-effective solution for the re-architecture using Lambda function.
- Delivered various solutions using AWS services like Lambda, CloudFormation, S3, SQS, SNS using Java spring framework and performed unit testing.
- Implemented solutions for recurring problems like Lambda cold start issue, and exceptions due to messages in DLQ.
- Used CI/CD pipelines for building and deploying services.

Birlasoft, Pune, India | *Salesforce Developer*

August 2016 - November 2020

- Migrated an entire project from Salesforce classic to Lightning Experience with a success rate of **95%**, with only 5% of expected bug being reported. Worked on all the SDLC phases for the lightning migration project.
- Created Custom Home Page and Record Pages for lightning experience using Lightning App Builder.
- Implemented LWC for a custom VF page as part of the Lightning Migration.
- Improved security of the salesforce application for client up to **90%** after revamping the security model of the application.
- Developed customizations using Apex, Visualforce, Visualforce Components, Aura components, Batch Apex and Triggers.
- Worked on integration of Salesforce with external system (**SAP**) to facilitate creation of Accounts and Contacts from SAP.
- Improved the efficiency of the application up to **90%** by merging triggers and implementing one trigger per object design pattern, preventing the exceptions due to hitting governor limits.
- Enhanced the existing Visualforce page's user experience using complex JavaScript and jQuery implementation.
- Designed and developed Workflow Rules, Processes, Flows and Approval Processes to automate the business requirements.
- Created and configured Custom Objects, Fields, Formulas, Validation Rules, Custom Settings, Custom Meta-Data, Users, Profiles, Roles, Permission Sets, Page Layouts, Email Alerts, Sharing Rules, Role Hierarchy and Queues.
- Performed unit testing and increased test coverage to **95%** of apex classes and deployed to production using change sets.

TECHNICAL SKILLS

- **Salesforce.com Skills:** Apex, Visualforce, Lightning, LWC.
- **Salesforce.com Tools:** Apex Data Loader, Workbench, Developer console, Salesforce CLI, Aside.io, DataLoader.io.
- **Programming Languages:** Java, Python, C, C++, SQL, PLSQL.
- **Web Technologies:** HTML, CSS, JavaScript, PHP, jQuery, AJAX.
- **Tools:** IntelliJ, Git, JIRA, Android Studio, SOAPUI, Eclipse, Visual Studio, NetBeans, Audacity.
- **Frameworks:** Laravel, WordPress, Flask, Apache Spark, Java Spring.

CERTIFICATIONS

Salesforce Certified Platform Developer 1 (Credential ID - 18761505)

EDUCATION

University of Texas at Arlington, Arlington, TX

August 2020 - May 2022

Master of Science in Computer Science

GPA: 3.60/4

Savitribai Phule Pune University, Pune, India

July 2012 - June 2016

Bachelor of Engineering in Information Technology

GPA: 3.50/4

ACADEMIC PROJECTS

Campus Car Rental Application | *JAVA | SQL | Android Studio*

- Developed an android application for users to rent out cars on an hourly basis.
- Created use cases, use case diagrams, domain diagrams and Expanded Use Cases.

Online Housing Website | *PHP | HTML | CSS | JAVASCRIPT | LARAVEL | NODEJS*

- Designed and developed a cloud hosted housing website to allow users to register as owners for apartments, buildings and subdivisions and provided with management of their services like electricity, internet, and community services.
- Implemented chat functionality on the website using NodeJS.
- Created an efficient centrally hosted database system using SQL and developed isolated, structured component using MVC.

Person Authentication System | *JAVA | Speech Recognition | Audio Classification | Feature Extraction | NetBeans*

- Developed a voice recognition-based bio-metric system to authenticate users using their voice inputs.
- Collected voice samples of 100 people and used Audacity tool to remove noise from the samples and cut the samples.
- Performed feature extraction on voice samples and compared the performance of various classification algorithms like KNN, Decision Tree, Random Forest, and Naïve Bayes for classifying the speaker.