

EDUCATION

Tempe, AZ	Arizona State University	Fall 2016 - May 2018(Expected)
<ul style="list-style-type: none">• M.S. in Computer Software Engineering.• Graduate Coursework: Advanced Data Structures and Algorithms; Semantic Web; Software Enterprise.		GPA: 3.6/4.0
Karnataka, India	Visvesvaraya Technological University	Sep 2008 - Jun 2012
<ul style="list-style-type: none">• Bachelors in Computer Science and Engineering.• Undergraduate Coursework: Database Management System, Object-Oriented Programming, Data Structures, Computer Architecture, Compiler Design, Operating System, Computer Networks.		GPA: 3.5/4.0

TECHNICAL SKILLS

- C#; Java; Python; JavaScript; JQuery; AngularJs; ASP Dot Net; MVC Dot Net; WCF; Java Servlets; HTML5; CSS3; XML; Android SDK.
- Web servers: IIS; Apache Tomcat.
- Microsoft SQL Server 2008 R2, 2012; Solar Wind Database Performance Analyzer; SQL Toad.
- Business Intelligence tools: SQL Server Integration Services (SSIS); SQL Server Reporting Services (SSRS).
- Possesses good understanding of data analysis language: R.
- IDE: Visual Studio 08, 10, 15; Eclipse; Android Studio; PyCharm, RStudio.

WORK EXPERIENCE

TATA CONSULTANCY SERVICES LTD. NEW DELHI, INDIA

Application Architect **Jun 2015 - Jun 2016**

Project: Member Level Refunds and Recovery (MLRR)

- Promoted to Application Architect in June 2015; devised an automated letter printing and mailing system.
- Implemented an innovative web service that enabled dynamic modification to XML structure, saving cost of code level changes.
- Designed relational database table structure, stored procedures, and functions.
- Constructed robust SSIS packages to **Extract, Transform** and **Load** data into database tables from source files: 1 to 1.5 GB in size.

Associate Project Lead **Jun 2015 - Jun 2016**

- Shouldered the responsibility to monitor the progress of projects across six teams.
- Meticulously tracked project burn-down charts, assisted teams perform causal analysis of defects, and identified risks and issues that may block the project progress.
- Led interactive knowledge sharing and orientation sessions for new associates joining the team.

Dot Net Developer **Oct 2012 - Jun 2015**

Project: Claim Overpayment and Recovery Engine (CORE)

- Implemented progression rules to guide an automated claim review through consecutive stages of an Audit.
- Integrated CORE with correspondence methods for instant communication between auditor and auditee (healthcare facilities).
- Designed structured layouts with intuitive functionalities for a responsive web presence.
- Applied factory pattern to program a robust server side code.
- Built SSRS reports for data visualization; defined and scheduled jobs for regular updates to subscribed users.
- Employed special database performance analysis tools to identify and optimize time-consuming queries.

ACADEMIC PROJECTS

ARIZONA STATE UNIVERSITY, AZ

Project: Road Trip with Yatra **09/2016 - 12/2016**

- Built a web app to plan road trips and applied **Semantic Web** approach to provide rich information about a selected route.
- Programmed custom web scrapers in Python to extract data from targeted web sources and enrich application database.
- Developed Java Servlets, integrated Google Maps API in HTML5 layouts for a rich user experience with intuitive operations.
- Structured efficient **SPARQL** queries to probe and fetch relevant information from RDF triple datasets.

Project: Unit Converter **11/2016 - 12/2016**

- Developed an android unit conversion application with custom user controls and inflaters for intuitive user interactions.
- Employed Personal Software Process (PSP) to methodically plan, measure, and manage software development activities.

CERTIFICATION AND ADDITIONAL EXPERIENCE

- **Certified Green Belt in Lean Six Sigma (2014):** implemented a DMAIC, Process Improvement (PI) project generating an annual estimated saving of up to 20,000 USD.
- Successfully completed a four-week training in constructs of **Big-Data and Hadoop Ecosystem** conducted by TCS.