

# Ashwini Hirekathur

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Highly motivated individual with strong problem-solving skills and a keen interest in technology. Great team player and 3 years of work experience. Seeking a software development engineer position to hone my skillset and contribute to the team.

## EDUCATION

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### University of Utah

Salt Lake City, UT

*Master of Science in Information Systems* (GPA: 4.0)

May 2021

- Coursework: Data Structures and Java, Data Visualization, Programming for Engineers, Data Mining, System Analysis and Design
- Student Organizations: TEK Club, Women in Computing

### BMS College of Engineering

Bangalore, India

*Bachelor of Engineering in Medical Electronics* (GPA: 3.6)

May 2015

- Coursework: Data Structures with C++, Operations Research, Network Security
- Project: Wireless weighing scale with Bluetooth low energy - Collaborated with National Aerospace Laboratories, a central government organization in India to design, build and test a low energy Bluetooth enabled weighing scale integrated with an Android Application for rural public health care sectors

## SKILLS AND CERTIFICATION

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Skills: Java, Python, SQL, REST Services, HTML, CSS, JavaScript, jQuery, Git

Certification: Postman API Student Expert

## EXPERIENCE

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### University of Utah

Salt Lake City, Utah

*Teaching Assistant - Frameworks for Business Problems*

Jan 2020- Apr 2020

- Lectured on Probability & statistics to ~ 50 students.
- Moderated case studies on Business strategies & providing solutions through quantitative analysis.

### Accenture

Bangalore, India

*Software Engineer*

July 2015 – Apr 2019

- Worked on requirement analysis, design and implementation of features of SAP Landscape Management system (LaMa 3.0).
- Automated and deployed SAP LaMa system which eliminated 70% manual effort in SAP systems' post processing.
- Worked on implementation and feature development, testing and deployment for SAP HR and Finance modules.
- Audited SAP production systems for security vulnerabilities and provided detailed reports for TLS implementation.
- Led the user acceptance testing (UAT) efforts for Service Now ticket manager and provided defect reports to facilitate companywide critical release.
- Worked on data scrambling during SAP ECC test system build to support US federal standards.

## ACADEMIC PROJECTS

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- *System Design*: Designed a framework for building an application which provides healthy meal alternatives using a predictive model-based system.
- *Data Visualization*: Utilized google maps API with Python to obtain the geolocations and built a dynamic dashboard on Tableau to display local coffee shops.
- *Marketing Analytics for Connexion Point*: Analyzed customer interaction data tables using SQL and R to recognize trends. Provided insights through Power BI visualization dashboard.
- *Database design using SQL*: Reverse engineered the database management system for local grocery store. Also created a product recommendation model for customers based on purchase history.