

Sonal Gurav

San Jose, CA | +1(408)876-7009 | sgurav621@gmail.com | LinkedIn | Trailhead | Github | Portfolio

EDUCATION

MS in Information Systems (GPA: 3.8)

Sep 2022 - May 2024

Northeastern University, CA

Coursework: Data Science Eng & Methods, Program Structures & Algorithms, Application Engineering & Development

BEng in Computer Engineering

Jun 2014 - Jun 2018

Mumbai University

Coursework: Object Oriented Design, Operating Systems, Cloud Computing, Data Structures and Algorithms, Artificial Intelligence

SKILLS

Programming Languages: JavaScript, HTML, CSS, SQL, Python, Apex, Java, Python

Framework: React.js, React native

Databases: MySQL, MongoDB, Workbench, Data Loader

CRM: Salesforce.com, Service cloud, REST APIs, JSON/XML, AJAX, Lightning Web Components

Integrated Development Environments (IDE): Salesforce CLI, Eclipse, Visual Studio Code, Git

PROFESSIONAL EXPERIENCE

Full Stack Developer, Saayam for All-volunteer, San Jose

Aug 2024 – Current

- Developed a mobile application screen using **react native** accurately translating designs into functional user interfaces.
- Leveraged end-to-end development of complex React Native applications, incorporating intricate features and functionalities while ensuring seamless user experiences across both **iOS** and **Android** platforms.
- Successfully translated design concepts into interactive and visually appealing **UI** components, integrated native modules as such **navigation** and **native firebase**.

Software Developer, Accenture Solution Private Limited, India

Feb 2021 – Sep 2022

- Defined and applied Agile testing strategies for third party integrated applications, fostered efficient testing processes and reduced QA testing turnaround time by 30%.
- Created dynamic Visualforce pages using **JavaScript**, the AJAX toolkit and **SQL** queries, resulting in highly responsive and interactive user interfaces.
- Led full life cycle (SDLC) of project, implementing **CI/CD** results in achieving a 20% improvement in efficiency.

Associate Software Developer, Accenture Solution Private Limited, India

Oct 2019 – Jan 2021

- Utilized **JavaScript** and **CSS** to implement robust validation processes and dynamic styling for Visualforce pages, significantly improving user interaction and interface consistency.
- Developed **HTML** templates to create personalized, professional email communications, contributing to improved client engagement.
- Integrated SOAP and REST-based web services to extract data from external systems, ensuring real-time, accurate information display on Salesforce.com pages.

Salesforce Developer, Accenture Solution Private Limited, India

Sep 2018 – Sep 2019

- Designed and deployed Custom **objects**, Custom tabs, validation rules, **Workflow Rules**, **Auto-Response Rules**, **Page layouts** resulting in **25%** increase in data accuracy.
- Incorporated **Salesforce** customization, including **visualforce** pages, **Apex** classes resulting in a **20%** increase in system functionality and **10%** increase user satisfaction.
- Led integration from salesforce to Documentum system implementing **REST** APIs using **apex classes** and **triggers** for seamless documents import and export between both the systems.

ACADEMIC PROJECTS

Amazon Xplorer | Figma, Hand Sketching, Prototype

Jan 2024 – Apr 2024

- Designed set of features in Amazon app that mirrors functionality found in X app.
- Implemented sprints, screen flows, navigation and mockups. Utilized communities and libraries for interactive layout in Amazon app.

SkyReserve, Airline Management System | SQL, SSMS, Tableau

Sep 2023 – Dec 2023

- Airline Management Reservation System is a database system designed to handle various aspects of airline reservations focusing on student benefits and group booking using SQL, SSMS.
- Data reporting and visualization representation using Tableau.

Data Analysis & Predictive Modeling | Python, EDA, Pandas, NumPy, Matplotlib, Seaborn

Jan 2023 – May 2023

- Performed in depth Exploratory Data Analysis & Data preprocessing on Wine Dataset, identifying key feature relationships.
- Achieved a high prediction accuracy of over 93% by training, testing and fine-tuning supervised learning ML algorithms.

Image Processing Using JAVAFX | Java, JavaFX

Sep 2022 – Dec 2022

- Developed an image processing application using JavaFX. Users can load images, apply various image processing operations such as filtering, enhancement, transformation, and analysis. The application has an intuitive interface, leveraging JavaFX for a visually appealing user experience.

