

Akshay Gurudutt Bhandary

Email: abhandary@scu.edu

Github: github.com/Akshaydotcom

Mobile: +1-408-646-2891

LinkedIn: <https://www.linkedin.com/in/akshaygb2508/>

EDUCATION

- **Santa Clara University** Santa Clara, CA
• *Masters of Science in Computer Science and Engineering; GPA: 3.8* Jan 2022 - Dec 2023
Courses: Advanced Operating Systems, Data Structures, Analysis Of Algorithms, Pattern Recognition and Data Mining, Networking
- **SRM University** Chennai, India
• *BTech. Computer Science and Engineering; GPA: 3.9* May 2014 - May 2018
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Web Technology, Database Management Systems

SKILLS SUMMARY

- **Languages:** Python, JavaScript, SQL, HTML, CSS, C, JAVA
- **Frameworks:** ReactJS, Bootstrap, Material UI, Scikit-Learn, Redux
- **Tools:** GIT, MySQL, SQLite, Fiddler
- **Platforms:** Linux, Web, Windows

EXPERIENCE

Infosys

- *React Developer* Jan 2021 - Dec 2021
 - Designed and implemented a dashboard using **React**, **TypeScript** and **Redux** to create different investment portfolios for a major global financial firm on basis of income and risk levels.
 - Integrated multiple Java Based proprietary **REST APIs** with dashboard to persist data between different steps of the web app.
 - Implemented automation test cases using **Jest** to test different components of the web app that reduced time spent in testing by as much as 30%
- *Senior Frontend Engineer* Jun 2019 - Dec 2020
 - Designed and improved front-end UI of the Client's web-app using **HTML**, **CSS**, **JavaScript**, and **LESS Preprocessor**
 - Developed the definitive guiding stylesheet for 20 different applications
 - Implemented automation script using **Java** and **Apache Library** to create report of changes made to **HTML** files and print them in **MS Excel** worksheet that reduced time spent in communication and re-checking by as much as 25%
- *Frontend Engineer* May 2018 - May 2019
 - Corrected **JavaScript** browser compatibility issues on Client's Web-app using **JavaScript** and **Fiddler** for 20 different applications
 - Organized and coordinated a team of 3 for manual UI and functional testing of different application. Mentored new joiners to understand their projects and team processes. Collaborated with Onshore and Offshore Client Teams to carry out project hand-offs

PROJECTS

- **Country Finder (ReactJs,HTML,CSS,Bootstrap):** Web-App to find information about all countries in the world using rest-countries API, with search and filter capabilities. Dark Mode and Light Mode skinned. Mobile Device Optimized. **CSS** and **Bootstrap UI** for styling and **Google Fonts** for Letters and Numbers.
- **Short the URL (ReactJs,HTML,CSS,Material UI):** Web-App to shorten URLs using short-code API, **sessionStorage API**-A HTML5 Web Storage API to store data after refreshing browser tab. **CSS** and **Material UI** for styling and **Google Fonts** for Letters and Numbers.
- **Launch Countdown Timer (JavaScript,HTML,CSS):** Countdown Timer using vanilla **JavaScript**. Mobile Device optimized. Uses randomizer to choose days, hours and minutes. **CSS** for styling and **Google Fonts** for Letters and Numbers.
- **Differential Privacy in Machine Learning:** Machine Learning model developed using **scikit-learn**, **pyTorch**, **opacus** libraries to predict and recognise handwritten digits after addition of noise to MNIST Dataset thus preventing re-identification attacks of sensitive information

HONORS AND AWARDS

- Awarded Insta-Awards Certificate of Appreciation - Aug, 2019