

## EDUCATION

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- **University of Illinois Chicago** Chicago, USA  
*Masters in Computer Science* Aug. 2021 – May 2023
- **Dhirubhai Ambani Institute of Information and Communication Technology** Gujarat, India  
*Bachelor of Technology in ICT* Aug. 2014 – Apr. 2018

## SKILLS

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- **Key Skills:** Dashboarding, Mobile app and website development, Automation, Programming, Code optimization
- **Languages:** Java, Python, Swift, Javascript, Dart
- **Tools and Frameworks:** Tableau, NodeJS, Spring, Flutter
- **Database and Deployment:** Jenkins, SQL, Git, Ansible, MongoDB

## EXPERIENCE

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- **Apple** Cupertino, CA  
*Software Engineer Intern* May 2022 - Aug 2022
  - **Dashboarding:** Developed Tableau dashboard to visualize the health of the GPU compiler's open issues, distribution of work vs head count, Jenkins build fail times and developed Python script to populate the data from Jenkins to the dashboard.
  - **Analysis:** Developed Python scripts and Jenkins pipeline to generate performance reports to compare GPU compiler's performance before and after pull request changes in the code base for different work flows.
- **Comviva** Bangalore, India  
*Software Engineer* Sep 2018 - Jan 2021
  - **Uno:** Developed customized access according to roles, customizable subscriber plans, using Java, Struts framework to limit client access. **Debug:** Debugging field issues and update builds as per business requirements. Struts upgrade, rebranding changes. **Optimization:** Optimized code by fixing bugs, eliminating redundant code to improve code quality and security, which improved SonarQube reliability rating from D to B.
  - **Cos360(Visualisation):** CDR formatting via Perl scripts to populate db. Graph plotting and report generation with interactive views and drill downs for network traffic and SMS firewall statistics via nodeJS framework to monitor traffic stats and identify busy periods
  - **Deployment:** Ansible scripting for automating generation and deployment of latest builds. Generated system config audit tool UI for comparing system's current state with the fine tuned performance via Python and Ansible.
- **KiViHealth** Gurgaon, India  
*iOS App Developer Intern* Jan 2018 - Jul 2018
  - **KiviHealth:** Added feature to maintain health records, book appointments with doctors and display appointment history. Integrated Apple HealthKit and added social login into app. Added handwriting recognition and speech to text conversion features. Released on App store.
  - **KiViDocTab:** Developed KiviDocTab, iPad app, written in Swift, for doctors to manage appointments and multiple clinics.

## PROJECTS

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- **Chatroom app:** Built chat app where users can create rooms and let users to enter rooms and chat in groups. Developed on NodeJS runtime and used HTML, CSS for front end.
- **Covid Data Analysis:** Developed dashboards in Tableau by analysing cases and deaths using WHO Region wise Covid data and compared trends in countries like India, China and USA.
- **Flutter apps:** Developed multiple apps to understand slivers, animations and basics in Flutter. Developed in Dart.
- **Nancy's notes:** Maintaining a blog and jotting down articles in Statistics.
- **Airlines website:** Built sample airline management website via Spring boot implementing Spring security and Hibernate for MySQL DB operations. Used data from external RESTful APIs to populate flight data and to manage bookings. Stack: Spring, Hibernate, MySQL
- **Music Player Android App:** Music player app that allows us to select and play a song in the background, displaying list of songs available, search for a song and play it.