Nancy Pitta

Chicago,Illinois.

My Portfolio website

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EDUCATION

- **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

- **Key Skills**: Programming, iOS App and Web development, Automation, Code optimisation, Data visualisation
- **Languages**: Java, Python, JavaScript, R, Swift.
- **Tools and Frameworks**: NodeJS, Tableau, Struts, Spring, Hibernate, Xcode, Eclipse, REST API
- **Database and Deployment**: SQL, MongoDB, Ansible, Git

EXPERIENCE

- **Comviva** — Bangalore, India
  Software Engineer — *Sep 2018 - Jan 2021*
  - **Uno**:
    * **Development**: Developed customised access according to roles, customisable subscriber plans, using Java, Struts framework to limit client access.
    * **Debug**: Debugging field issues and update builds as per business requirements. Struts upgradation, rebranding changes.
    * **Optimisation**: Optimised code by fixing bugs, eliminating redundant code to improve code quality and security, which improved SonarQube reliability rating from D to B.
  - **Cos360**: 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

- **Nancy's notes**: Maintaining a blog and jotting down articles in area of Data science and Statistics. Developed using HTML,CSS,Bootstrap for front end.
- **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.
- **Jobsearch app**: Built an iOS app, that enables jobseekers to find jobs near them and recruiters to post any openings.
- **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

VOLUNTEER ACTIVITIES

- **Navajeevan Bala bhavan**: I ,along with a team of 4 fellow students, interacted with AIDS patients at Navajeevan counselling camp and actively engaged in teaching children 'basic math' at Bala Bhavan. Interacted with the community head and studied their lifestyle, means of income at local slum near railway station.