Nancy Pitta

My Portfolio website

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SUMMARY

Highly skilled Software Engineer with 3 years of experience in software development.

EDUCATION

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

SKILLS

- **Key Skills**: iOS App Development, Web development, Automation, Code optimisation, Data visualisation
- **Languages**: Java, Python, R, Swift.
- **Tools and Frameworks**: 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**: Feature development like access according to roles, customisable subscriber plans, using Java, Struts framework. Debugging field issues and update builds as per business requirements.Struts upgradation, rebranding changes. Code optimization to improve code quality and security as per SonarQube standards.
  - **Cos360**: CDR formatting via Perl scripts. Graph plotting and report generation with interactive views and drill downs for network traffic and SMS firewall statistics via nodeJS framework
  - **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.
- **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
- **Online Ticket Booking system**: Designed a database management system in PG-SQL by collecting data from various online platforms. Implemented relational DB and executed stored procedures to perform operations like offering discounts to regular customers.
- **Object recognition & Image Captioning**: Built caption predictor by using pre-trained Xception model via Transfer learning for extracting image features and LSTM for predicting caption. Dataset: Flickr-8k

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. In addition, we visited local slum near railway station in same town and interacted with the community head and studied their lifestyle, means of income.