

EMPLOYMENT**Senior Software Engineer** **Oracle Health** **July 2016 - Present**

Java, CCL, SQL

- I currently work as a Senior Production Support engineer with patient accounting/transaction services [team](#).
- A significant aspect of my role involves being on-call support and fix critical issues with beta test clients. I provide immediate solution, and document problems in Jira for bug fixes. I excel in client communication and de-escalation.
- I'm the Directly Responsible Individual for addressing showstopper bugs in Revenue cycle Statements & Self-Pay Remittance solutions, with potential financial impacts totaling millions.
- Created quality improvement process for the entire Patient accounting team by:
 - Identifying high financial impact recurring issues and marking it high priority
 - Identifying knowledge gaps, and creating technical user guides for our analysts to improve TAT
 - Creating automation scripts, to identify affected patient accounts when a high impact bug is identified

iOS developer, Intern **Vayu Technology Corporation** **Feb 2016 – May 2016**

iOS, Bluetooth Low Energy (BLE), JavaScript

- Developed the iOS app that establishes a communication to the peripheral sensors via Bluetooth low energy (BLE).
- Utilized CoreBluetooth framework to code the main controller and developed the UI to visualize data from the sensors with CorePlot-CocoaTouch framework.

Software developer, Intern **Xenon Health** **May 2015 – Dec 2015**

- Revamped the web application for the inventory team and implemented enhancements that improved functionality.
- Created reports for health insurance claims status.

Associate Software Engineer **Tata Consultancy Services** **Sep 2012 – Aug 2014**

Oracle PL/SQL, Java

- Worked on writing complex stored procedures for an infrastructure client.
- Created BI reports using Oracle Business Intelligent Publisher tool that resulted in a better printer-friendly reports.

EDUCATION**Los Angeles, CA** **University of Southern California** **Fall 2014 – May 2016**

- M.S. in Electrical Engineering, May 2016. GPA: 3.3
- Graduate Coursework: Web Technologies; Computer Systems Organization; Algorithms, Math and Data; Computer Network processor design. Directed Research on Time series data sets for biological processes using Matlab.

Chennai, India **Anna University** **Fall 2008 – May 2012**

- B.E. in Electronics and Instrumentation April 2012. GPA: 3.5

ADDITIONAL EXPERIENCE AND AWARDS**Projects** <http://github.com/vetriselvi>

- NICU SMART App: This web app utilizes the SMART on FHIR framework to integrate EHR, and live streaming of a baby in neonatal care all in one single application which won Favorite Presentation award <http://engineering.cerner.com/blog/shipit-vii-day-winter-2016>.
- Minimalist Facebook using FB graph API <https://devpost.com/software/nonaddictivefacebook>.
- Gamification of physical therapy <https://devpost.com/software/pttechtouch>.
- Chess: Won the inter-department chess championships twice in my undergrad.