

# SASHANK PINDIPROLI

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## WORK EXPERIENCE

### HM ELECTRONICS, INC

SENIOR SOFTWARE ENGINEER | DEC 2018 - PRESENT

- UI Lead and member of software development team of Nexeo (NEXT EOS)
- NEXEO is an embedded device powered by Sitara ARM processor running on Arago Linux Distribution system
- NEXEO is used for drive-thru operations in fast food chains (McDonalds being our biggest clients)
- User Interface is built on top of the linux system using Chromium web browser
- Coordinate with Senior Developers, UX Engineer and Product Owners on day-to-day basis for development of the front end application
- Design and develop sequence diagrams, as a part of feature development
- Knowledge of using Zeplin tool for UI Development
- ReactJS framework has been used for the Front End development
- Extensive knowledge of React Hooks
- Redux is used for application state management
- Styling of the application is done using Styled Components
- Server resides in the linux system and it has been developed using NodeJS
- Socket IO is used to communicate real time updates between Client and Server or Client and M4 alias
- PostgreSQL database is used and it resides in the system
- Experience in writing Shell Programs to create services within the Linux System
- Experience in writing SQL functions within PostgreSQL for supporting the node server
- Application development is extensively done using Visual Studio Code IDE
- SVN is used for version control

### SONY PLAYSTATION

SOFTWARE ENGINEER | NOV 2016 - DEC 2018

- Member of software development team of PlayStation Vue application
- Good knowledge of SDLC i.e. requirement analysis, design, development, testing, and post implementation revisions.
- The application code has been written in ES6 JavaScript style
- Coordinated with Senior Software developers and developed the initial prototype of the app on Android Platform
- Developed homepage and settings page for the PlayStation Vue application using EmberJS framework
- Developed a local server using NodeJS that exposes fixture data in a form of JSON object for the application and consuming them as application services
- Fixed visual bugs and defects of the application in the stylesheets of the application that were written in SCSS format
- Knowledge of Charles Proxy to monitor the network traffic and HTTP requests/responses from different services
- Github is used for version control

SOFTWARE INTERN | OCT 2015 - OCT 2016

- Develop and maintain automated test cases in Selenium WebDriver using Java programming language and Junit Framework.
- Experience in using Object Oriented Programming concepts while developing the tests for the application
- Experience in building, deploying the application with ANT, Maven.
- Using Jenkins for daily monitoring of the regression tests results that run overnight as a part of CI/CD process
- Designed and developed modules that consume RESTful services using Jersey plugin and process the JSON response
- Expertise in using IDE like Eclipse tool for debugging and using java coding standards from the beginning of development.
- Github is used for version control

## TATA CONSULTANCY SERVICES

ASSISTANT SYSTEM ENGINEER | DEC 2012 - AUG 2014

### GE HEALTHCARE

- It was a proof of concept that dealt to manage the inventory of GE Healthcare company.
- Participated in GE client calls for requirement gathering and elicitation.
- After requirement gathering, rendered content rich UI using jQuery Mobile that targeted mobiles specifically.
- The data interaction and manipulation from the remote client server to the application was done using AJAX.

### GE CARS

- This application helped the car rental owners to keep a track of all the car owners who have defaulted in their insurance payment classified those into three categories (Pending for 20 days, Pending 50 days, Pending 100 days) and displayed the data in the form of a pie chart.
- In order to achieve fluid design and native look for the application we had used jQueryMobile framework for this project and later it was wrapped using cordova libraries
- Microservices were developed in Java
- The data interaction and manipulation was in JSON format

## LANGUAGE SKILLS

- Web Development : JavaScript, jQuery, HTML5, CSS3, NodeJS, EmberJS, ReactJS, Redux, JSON, PHP
- Languages : Java, C, C++, Clojure, Python, ASP.NET
- Platforms : Mac OSX, Windows XP/7/8, Linux, UNIX
- Database : Oracle 10g, MySQL, PostgreSQL
- Tools : Visual Studio Code, Eclipse, SVN, Git, Atom, Jenkins, Appium, Confluence

## EDUCATION

SAN DIEGO STATE UNIVERSITY, SAN DIEGO, CALIFORNIA

M.S. (COMPUTER SCIENCE), MAY 2017

UNIVERSITY OF PUNE, PUNE, MAHARASHTRA

BACHELORS (INFORMATION TECHNOLOGY)

## PERSONAL ACHIEVEMENTS

- Winter 2017 Hackathon First Prize Winner for 'Safe Vueing' Project from San Diego Division (PlayStation)
- Summer 2017 Hackathon First Prize Winner for 'Vue Notifications' Project from San Diego Division (PlayStation)
- I got certified from Emerging Leadership Program (HME Inc)
- Joined Toastmasters to improve Public Speaking (HME Inc)
- I was part of a podcast to speak about interview process at HME Inc (<https://bit.ly/2TfL1W1>)