

SNEHAL SHENDWARE

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Software engineering student pursuing a Master's degree at Arizona State University with 3 years of experience in design and development of web applications. Proven ability in delivering cost effective and creative solutions through application of well-developed problem solving skills. Seeking a full time opportunity to utilize skills in the areas of software development.

EDUCATION

MS in Software Engineering, Arizona State University | **Expected Graduation: May'17**

CGPA - 3.5

BE in Computer Science, Vishwakarma Institute of Technology, May'12

CGPA - 3.9

TECHNICAL SKILLS

Programming Languages: Java, Python, Java Script, HTML5/CSS3 and SQL

Tools & Frameworks: J2EE, Struts, Spring, Hibernate, JPA, REST Web Service API, jQuery, AngularJS, NodeJS, Postman, SQL DB (MySQL, ORACLE, PostgreSQL), NoSQL DB (Redis, MongoDB), Build Manager (Ant, Maven, NPM), GIT, Linux, Memcache server

WORK EXPERIENCE

- **Software Engineering Intern – Financial Engines - Sunnyvale, CA** **May'16-Aug'16**
 - Developed log analytics tool using Splunk and HighchartJS Charting API
 - Developed Quartz dynamic scheduler in Spring for report scheduling
 - Configured SPA front-end & micro services back-end container module
- **Software Developer – HEAL Lab, Arizona State University - Tempe, US** **Jan'16-May'16**
 - Developed a web based portal in NodeJS for the clinicians to monitor the progress of the patients using the mobile application.
 - Design the workflow of future implementation in portal with visual analysis of patient surveys.
 - Proposed RESTful design for PRP API and swagger.io implementation in NodeJS.
- **Full Stack Software Developer - Citrus Payment Solutions Private Limited - Pune, India** **Aug'14-Jun'15**
 - Designed and Implemented operational panel for Citrus Cube app (Android & iOS) and integration to Citrus pay.
 - Implemented Refund and Cashback utility for merchants specific to Citrus Cube.
 - Developed REST API for recharge data plan auto-refresh and periodic cleanup using Spring custom scheduler.
 - Developed dynamic templates for Email & SMS notification and event trigger using Spring Aspect Oriented Programming (AOP).
- **Project Engineer - Wipro Technologies - Bangalore, India** **May'12-Jun'14**
 - Engineered a voice-enabled integrated services routers to manage voicemail, auto attendant and interactive voice response (IVR)
 - Successfully delivered Proof of Concept (POC) of NVOT using scalable technology stack (Spring & Hibernate).
 - NVOT is web portal for project life cycle management in Cisco with data provided by Clarity REST Web Services.
 - Developed an automated REST utility using Postman to manage change in project configurations.

ACADEMIC PROJECTS

- **Advance Regression Technique** **Fall'16**
 - A Kaggle house pricing problem solved with Regression Algorithms (Python scikit-learn & Pandas data analysis toolkit)
 - Applied feature engineering like scoring, PCA & 1 hot encoding etc. to improve score (0.13)
- **OpenFlow based Firewall** **Fall'16**
 - Configured static rules using MD-SAL. A RESTful support of OpenDaylight controller
 - Engineered proactive rule evaluation system at OSI layer 7 using Python POX controller
 - Provided flexibility to configure rule using centralized NodeJS based GUI
- **Agile TweetViz** **Fall'15 & Spring'16**
 - Developed a tweet feeds analysis and visualization tool in Moose platform and Roassal visualization engine using Pharo.
 - Implemented sentiment analyzer for opinion mining using NLTK Python library.
- **Mytravelogue.info** **Summer'14**
 - Developed a J2EE based travelogue for travel enthusiast to preserve their moments in web diary.
 - Application consumes Rail REST API to fetch user details and Google map API to visualize the statistical analysis of journeys.

RELEVANT COURSEWORK

Advance Data Structures & Algorithms (SER501), Software Enterprise: Inception & Elaboration (SER515), Software Design (CSE564), Emerging Language and Programming Paradigms (SER502), Software Enterprise: Project Management (SER516), Web Application Programming (SER598), Statistical Machine Learning (SER575), Cloud Computing (SER546)