

SNEHAL SHENDWARE

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EDUCATION

MS in Software Engineering, Arizona State University, May'17

CGPA - 3.6/4

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

CGPA - 3.9/4

Relevant Coursework: Advance Data Structures & Algorithms, Software Design, Web Application Programming, Statistical Machine Learning, Cloud Computing, Distributed Systems, Compiler Design, Object Oriented Modeling & Design, Operating Systems

TECHNICAL SKILLS

- **Programming Skills:** Java, Python, Javascript, SQL, C
- **Development Tools & Frameworks:** Object Oriented Analysis & Design, SOA, J2EE, Struts, Spring, Hibernate, JPA, Build Manager (Maven, NPM), Memcache server, Cloud Computing (PaaS & SaaS), Data Analytics, OpenStack, Micro Services, Docker, CI/CD (Jenkins, Travis CI), Slack, GIT, Unix, Linux, AWS EC2, Lambda, Alexa SDK
- **Web:** HTML, CSS, XML, JSON, Bootstrap, jQuery, AngularJS, NodeJS, Web Services (REST & SOAP), AJAX, HTML/DOM
- **Database Management Systems:** SQLDB (MySQL, ORACLE, PostgreSQL), NOSQL DB (Redis, MongoDB)
- **Software Development Process:** Agile (SCRUM, Kanban)
- **Software Testing:** Test Driven Development (TDD), JUnit, Mockito, Jasmine

WORK EXPERIENCE

- **Software Engineer – Cerner Corporation** July'17
 - Implemented the scheduling workflows discussed during design phase of Agile iteration.
 - Retrospect design and performance strategy of complex workflows to solve current problem.
 - Involved in critical code review of team to deliver standard production code.
 - Introduced docker to services team to automate the build workflows.
- **Software Engineering Intern – Financial Engines** May'16-Aug'16
 - Developed data-driven analytics tool for daily financial transaction activities using Splunk and HighchartJS API.
 - Implemented Splunk call optimization queries and an hourly auto update jobs to reduce fetch response time.
 - Developed Quartz dynamic scheduler using Spring web MVC and MongoDB NoSQL for transaction report scheduling.
 - Configured a Single Page Application with AngularJS front-end & micro services container modules in Spring.
- **Software Developer – HEAL Lab, ASU** Jan'16-May'16
 - Developed a web portal in NodeJS for the clinicians to monitor the compliance progress of sickle cell patients.
 - Design the workflow of future implementation in AngularJS UI with visual analysis of patient surveys.
 - Proposed RESTful design for PRP APIs and presented swagger.io implementation in ExpressJS.
- **Full Stack Software Engineer - Citrus Payments** Aug'14-Jun'15
 - Designed and Implemented operational panel for E-commerce Citrus Cube app (Android & iOS) and integration to Citrus pay.
 - Implemented End-to-End REST APIs for secure mobile banking payments (OAuth2).
 - Developed REST APIs for recharge data plan auto-refresh and periodic cleanup using Spring custom scheduler.
 - Developed dynamic templates for Email & SMS notification trigger using Spring Aspect Oriented Programming (AOP).

ACADEMIC PROJECTS

- **House Prices: Advance Regression Technique** Fall'16
 - Solved a house pricing problem on Kaggle with Regression Algorithms (Python scikit-learn & Pandas data analysis toolkit).
 - Applied feature engineering like scoring, PCA & 1 hot encoding etc. to improve score (Best score: 0.13).
- **OSI Layer 7 Firewall** Fall'16
 - Configured static rules using MD-SAL. A RESTful support of OpenDayLight controller.
 - Engineered a proactive rule evaluation system at OSI layer 7 using Python POX controller and NodeJS based SPA.
- **Agile TweetViz, ICSE SCORE 2016** 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 collaborative opinion mining using NLTK Python library.
- **Mytravelogue.info** Summer'14
 - Developed a Spring web MVC based travelogue for travel enthusiast to preserve their moments in web diary.
 - Application consumes Rail REST API to fetch details and Google map API to visualize the statistical analysis of journeys.