

SNEHAL V. SHENDWARE

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EDUCATION

- M.S. in Software Engineering, Arizona State University**, Poly Campus, Mesa | CGPA 3.78/4.0 **Expected Graduation: Fall 2017**
- B.Tech. in Computer Science & Engineering, Vishwakarma Institute of Technology**, Pune, India | CGPA 8.5/10.0 **Graduated: May 2012**
- **Undergraduate Coursework:** Operating Systems, Data Structures and Algorithms, Principles of Programming Languages, Object Oriented Modeling and Design, Software Engineering, Theory of computation, Database Management System.

PROFILE LINK

- **GitHub:** <https://github.com/snehi23>
- **LinkedIn:** <https://www.linkedin.com/in/snehi23>

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, Java Script, HTML/CSS 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

Student Developer, Arizona State University, Tempe, US **Jan 2016 – Present**

mHealth is a mobile application (Android & iOS) for PROMIS measures.

- Develop 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.

Full Stack Software Developer, Citrus Payment Solutions Private Limited, Pune, India **Aug 2014-June 2015**

Citrus pay is a startup well known for payment processing, enterprise payment SaaS solutions and consumer payment services.

Citrus Cube

- Designed and Implemented operational panel for Citrus Cube app (Android & iOS) and integration to Citrus pay.
- 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**).
- Handled design, development and testing phases along with live demonstrations in each incremental release of the utility by following **agile** principles.

Project Engineer, Wipro Technologies, Bangalore, India **May 2012- June 2014**

Wipro Technologies is a global information technology, consulting and outsourcing company.

Cisco Unity Express (CUE)

- Engineered a voice-enabled integrated services routers to manage voicemail, auto attendant and interactive voice response (IVR).
- Configured module of languages & dialects support in CUE. Currently CUE supports 17 different languages.

NOSTG Virtual Opt Tool (NVOT v2.0)

- 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.

TECHNICAL PROJECTS / RESEARCH

Web Scraping Utility **Dec 2015**

- Developed a **Python** based web data extraction tool to map Autonomous System Number (ASN) to company that owns it using Beautiful Soap API.

Agile TweetViz [SCORE CONTEST 2016] **Aug 2015-Nov 2015**

- 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.in **Jun 2014-Jul 2014**

- Developed a Java 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.

Paper "Study of receiver assistant congestion control in high speed and lossy network" **Aug 2011-May 2012**

- Analyzed the RACC (Receiver Assistance Congestion Control) mechanism and its performance in various convergent networks.
- Formulated customized AIMD (additive-increase multiplicative-decrease) algorithm and node programming in NS (Network Simulator)

Online Judge System **Aug 2010-May 2011**

- Led a team to design and develop an online judge system for C and Java.
- Used prototype of online judge system for college level competition "VIT Tech Fest C-Athlon 2011" and shared it with department lab for coding exams.

COMMUNITY SERVICES & EXTRA-CURRICULAR ACTIVITIES

Opportunity HACK **10 Oct 2015**

- Delivered an application for non-profit organization United Food Bank in 2 day Hack-a-thon organized by PayPal.

Member, VIT Active Linux User (VALU) **Feb 2011**

- Organized MiniDebConf (Mini Debian Conference) for **Linux** enthusiast in VIT.

Organizer, C-Athlon **Aug 2009-May 2012**

- Lead an event C-Athlon (C-programming competition) at VIT Tech fest.