

SWAROOP VENU

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Objective : Seeking full-time from Jan 2016 in Big Data and Software engineering.

Technical Skills

Languages Java, Python, PHP, SQL, C, HTML, CSS, JavaScript, Nodejs.
Software Git, Mercurial, MATLAB, Laravel framework, MySQL, Amazon SQS, NoSQL, Cassandra, Firebug, IntelliJ, Redis.
Operating system Linux, Microsoft Windows, Solaris.

Academics

University of Southern California, Los Angeles, California.

CGPA: 3.57/4.00

Masters in Computer Science

2015 - Dec 2016

PES Institute of Technology, Bengaluru, India.

CGPA: 8.54/10.0

Bachelor of Engineering, Computer Science

2008 - 2012

Graduate Coursework

Algorithms, Artificial Intelligence, Web technology, Machine Learning, Information Retrieval and Web Search Engines, Database.

Work Experience (2years 8 months)

Fits.cloud

Role: Backend intern

May 2016 – Aug 2016

- Worked on implementing Activity Feed similar to Facebook's Activity feed. Used Lumen Framework and MySQL for implementation at back-end. Used Amazon SQS queuing service to make it scalable and reliable.
- Designed implementation for FITS backend to push activities.

Oracle

Communications global business unit

Title: Member of Technical staff

Role: Software Developer

July 2012 – Nov 2014

- I worked in "Unified Communication Suite" department on a product called Convergence. It integrates all products of Unified Communication Suite.
- Joined as an "Associate Staff Engineer" and got promoted within a year to "Member of Technical Staff".

Work Projects

- Worked on implementing audio/video conferencing service, screen sharing, calling PSTN numbers from our Web application using WEBRTC API's provided by the browser (Team size: 5)
- Integrated Cisco Jabber voice/video telephony in Convergence (Team size: 2)
- Implemented Oracle access manager (OAM) SSO support for Convergence (Team size: 1) - Took initiative to implement a key item in the product's road map. Work involved understanding OAM's working and analysing the architecture, flow from security point of view and handling them.

Academic/Individual Project

- Finished in top 100 among 587 teams in my first Kaggle competition 'How much did it rain?'
- Crawling and Deduplication of Weapons Images using Apache Nutch and Apache Tika
- Developed a chrome extension to open Google search result pages faster – [Faster Google Search](#).
- Developed a "**Kannada text reader**". Kannada is a regional language of India. As part of this project, We managed to contribute to a Open source- text to speech project **Espeak**.

Achievements : Won 3rd place in Microsoft college coding challenge.