

# Sai Darahas Venigalla

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## CONTACT DETAILS

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## EDUCATION

**Bachelor of Engineering, Computer Science and Engineering** (July 2014 – April 2018)  
*Sathyabama Institute of Science and Technology, Chennai, India.*  
CGPA: 7.31/10 (Top 5% in class).  
Class Obtained: First Class.  
Core Modules: Programming in C, C++, JAVA, Python, Data Mining & Warehousing, Cloud Computing, Computer Networks, Data Structures & Algorithms, Operating System, Computer Architecture and Parallel Processing, Cryptography & Network Security.

**Intermediate Certificate** (June 2012 – March 2014)  
Board of Intermediate Education, Andhra Pradesh, India.  
*Sri Chaitanya Vidyalaya Jr. college, Guntur, India.*  
CGPA: 9.2/10  
Grade: A  
Mathematics, Physics, Chemistry

**Secondary School Certificate** (April 2012)  
Board of Secondary Education, Andhra Pradesh, India.  
*Nirmala High School, Vijayawada, India.*  
CGPA: 9.2/10  
Grade: A

## PROFESSIONAL EXPERIENCE

**Associate Software Engineer** (April 2019 - Present)  
*Torry Harris Business Solutions, Bengaluru, India.*

- Defined and enforced software Build and Release Management policies and procedures.
- Developed and deployed Application builds in Development, Test, UAT, Production Environments.
- Defined, designed, and implemented the Continuous Integration process for the project.
- Provided solutions for Builds, Releases, and controlled throughout the Software Development Life Cycle [SDLC].
- Constantly reviewed and improved release plans to optimize effort and managed scheduled risks.
- Managed and controlled the source code hosted in Tortoise SVN, Git.
- Experienced in working with the Bug-Tracking / Task-Tracking system JIRA and Ticketing tool BMC Remedy.

## **Associate Software Engineer – Trainee**

(October 2018 – April 2019)

*Torry Harris Business Solutions, Bengaluru, India.*

- Exposed to Real-time large-scale projects and introduced to a predominant Software Design Style SOA [Service Oriented Architecture].
- Trained in Middleware technologies, AWS [Amazon Web Services], Oracle WebLogic Administration.
- Enhanced my Skillset in Bash/Shell Scripting [UNIX], Java programming, HTML5 / CSS3, Oracle Database [SQL].
- Hands-on experience on tools like Apache ANT, Eclipse, JIRA, Tortoise SVN, Win CVS, SOAP UI, J-Unit.

## **Intern**

(July 2017)

*Hewlett Packard Enterprise, Chennai, India.*

- Designed and developed a Student Database Management System using Java and MySQL database under the guidance of their technical team.

## **ACADEMIC PROJECT PROFILE**

### **• Mining and Monitoring Human Activity Patterns in Home-Based Health Monitoring System**

In this project, designed and implemented a smart system that recognizes different human activities with the help of energy data from smart meters installed in the smart home environment.

Data Clustered by K- means Algorithm. Prediction by Bayesian Networks.

**Duration of the Project:** 6 months.

### **• Message Alert Security System [M.A.S.S.]**

Designed and implemented an IoT based project to alert the user with a text message when any object/obstacle enters the restricted zone.

**Duration of the Project:** 1 month.

## **PUBLICATION**

- **Venigalla Sai Darahas, Venkata Praneeth Bommini and S.Bhanumathi** (2018). "Tracking and monitoring human activity patterns prediction in home-based health monitoring systems."

Journal of Advanced Research in Dynamical and Control Systems (JARDCS), volume 03-Special Issue, 1013-1018, ISSN: 1943 - 023X.

## **PAPERS PRESENTED**

- Presented a paper titled "Ransomware" at Samhita '17 organized by Madras Institute of Technology, Chennai, India in February, 2017.
- Presented a paper titled "Li-fi (Light Fidelity)" at Technozion '16 organized by National Institute of Technology (NIT), Warangal, India in September, 2016.

## **INDUSTRIAL TRAININGS & WORKSHOPS ATTENDED**

- Vocational Industrial Training on Network Concepts, IP Addressing, Cisco Router Configuration, GSM and Optical Fibre Cable Theory conducted by Southern Telecom Region, Bharat Sanchar Nigam Limited (BSNL), Chennai from January 09 to January 12, 2017.
- Participated in International workshop on Ethical Hacking and Whatsapp Security organized by Samhita '17 at Madras Institute of Technology, Chennai held on February 10 and 11, 2017.
- Participated in the IBM Cloud Computing workshop organized by Pragyan '16, the International Techno-Management Organization of National Institute of Technology, Trichy held from February 25 to February 28, 2016.
- Participated in the training program for Lucideus Certified Secure Android Developer workshop at Sathyabama University, Chennai held on August 21, 2015.

## **TECHNICAL COMPETENCIES**

- Amazon Web Services [AWS]
- Oracle Cloud Infrastructure [OCI]
- Service Oriented Architecture [SOA]
- Oracle E-Business Suite
- SOAP and REST Web Services
- Internet of Things [IoT]
- Oracle Weblogic Server [11g & 12c]
- Python 3
- Core Java [7, 8]
- Bash/Shell Scripting
- HTML5
- CSS3
- Oracle DB, MySQL DB, Maria DB
- Unix/Linux OS [Solaris, HP Unix, Ubuntu]
- Windows OS [10, 8, Vista, XP, 2000],
- Apache Tomcat
- Apache ANT
- Eclipse
- JIRA
- Tortoise SVN
- Win CVS
- SOAP UI, J-Unit
- Nagios
- Tribe [SciVisum]

## **CERTIFICATIONS**

- Python Certification [Credential ID: Q7EGXKWBKZBM] authorized by Google through Coursera.
- JAVA IoT Developer [Credential ID: 50426012] certified by Oracle University.
- Standardized Test for English Proficiency [STEP PLUS- Credential ID: SP/20171130064909/967142] certified by The Hindu Group [Score:9.8/12].

## **LANGUAGES**

- English - Fluent
- Telugu - Native
- Hindi - Proficient
- Kannada - Intermediate
- Tamil - Intermediate
- French - Beginner.

## **COMMUNITY INVOLVEMENT & EXTRA-CURRICULAR ACTIVITIES**

- Organized many events of Aasya Foundation, Chennai as an active member [ID: 4936] since 2015.
- Registered Blood Stem Donor [Donor ID: 90278185] at DATRI Blood Stem Cell Donors Registry.
- Won in an event on Psychology at Sastra University, Tanjore.
- Participated in workshop on Wall Street Hacks and Stock Exchanges at Anna University, Chennai on February 18, 2017.
- Participated in workshop on Post Photography Processing at Anna University, Chennai on February 17, 2017.