

Saranya VELUSAMY

Curriculum vitae

PERSONAL DATA

DATE OF BIRTH: 15 December 1991
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GITHUB: [GalanthusPlicatus](https://github.com/GalanthusPlicatus)

PROFESSIONAL CAREER

<i>Current</i>	Freelance Django Developer Worked as back-end developer for projects using the Django - PostgreSQL - RabbitMQ stack.
JAN. - NOV. 2015	NextDrop Smart Water Systems Pvt. Ltd. Grateful to be part of this start-up which provided an excellent platform to work with and learn new and experimental technologies. Played a key role in data modelling and building data analytics dashboards. Projects Worked On: LatLong: DJANGO, GOOGLE GEOCODING API: Geolocated 80% of customers with Indian addresses with accuracy of more than 60% and structured address components from a single string. USSD: KOOKOO GATEWAY, DJANGO: Implimented a new acquisition channel for new customer registration and a new feedback channel using USSD for interacting with non-smart, text based and feature phone devices. ODKForms: OPENDATAKIT BUILD, DJANGO: Gather field data through ODK devices. 95% of the data was collected and processed for Django, greatly reducing manpower requirement.

ACADEMIC & OTHER PROJECTS

<i>Current</i> EXP. JUNE 2016	Bucket-list Tracker This is a pet project in Django which is intended to help people organize and track their bucket-list wishes and in the future help other users discover interesting tasks to add to their bucketlist.
JUNE 2014	Network Management System A web based NMS to register and manage users for a network and generate configuration files for various Linux based network based daemons.
APRIL 2014	Face and Iris Recognition for Mobile Engagement Worked on analysing and defining the software requirement specification of the project. It involves using biometrics for identification using multimodal recognition of face and iris.
APRIL 2013	Trusted Third Party Audit for Cloud Storage Service This is a coursework-based project which mainly analyzes the problems in current cloud storage, mainly in the area of data integrity using a Third Party Auditor.
SUMMER 2012	Mini Project Intern at VISIWARE TECHNOLOGIES, Chennai Played an active role in creating a CRUD application titled " <i>Ultra Laboratory Utensil</i> " in C# for efficient management of resources in a lab.

EDUCATION

- JUNE 2014 Master of Technology in MULTIMEDIA TECHNOLOGY
Karunya University, Coimbatore
Thesis: "Face and Iris Recognition for Mobile Engagement" | Advisor: Ms. Bindhu SHAMILY
Cum. GPA: 7.89 / 10 | ACTIVITY: Led Registration Committee for a National Event
- MAY 2013 Bachelor of Technology in INFORMATION TECHNOLOGY
200/200 credits, **Karunya University**, Coimbatore
Thesis: "Trusted Third Party Audit for Cloud Storage Service" | Advisor: Mrs. Ester DANIEL
Cum. GPA: 7.89 / 10 | ACHIEVEMENTS: First candidate to be recruited by Capgemini.
Secured scholarship to pursue MS in Israel.
- MAR. 2009 Higher Secondary at **SN Martic Hr. Sec. School**, Coimbatore
Specialization: Science, Mathematics & Computer Science
PERCENTAGE: 80.9% | ACTIVITY: Social Worker
- MAR. 2007 SSLC at **Govt. Hr. Sec. School**, Alandurai, Coimbatore
PERCENTAGE: 89.2% | ACTIVITY: Formed a group to help with old age home expenses.

TECHNICAL SKILLS

Intermediate Level: Python, Django, git, HTML, Mercurial, JSON, PostgreSQL, LINUX, OpenCV
Basic Level: C++, MySQL, RebbitMQ, CSS, Javascript, BASH, dotNET, MatLAB
Applications: Adobe Creative Suite, AutoDesk Maya

FUNCTIONAL SKILLS

Project Management, Team Management, Good Communication Skill, Problem Solving, Recruiter, Scrum Master, Agile, Project Planning

CERTIFICATES AND WORKSHOPS

- EXP. JUL. 2016 Algorithms (Crunching Social Networks) | UDACITY, E-le
DEC. 2014 Intro to Computer Science (Build a Search Engine & a Social Network) | UDACITY, E-le
FEB. 2014 Image Processing Workshop | AMRITA UNIVERSITY
APR. 2012 Oracle Certified Associate
FEB. 2012 Ethical Hacking Workshop by TECHDEFENCE PVT. LTD. | KARUNYA UNIVERSITY

LANGUAGES

TAMIL: Mothertongue
ENGLISH: Fluent

INTERESTS AND ACTIVITIES

Technology, Travelling, Photography, Application & Web Programming, Social Service, Animation, Visual Effects, Reading Books, Archeology, History, Music & Culture.

- 2010 - 2011 National Service Scheme, Karunya University
2009 - 2010 Rotaract Club, Karunya University

Last updated: May 13, 2016