

Saranya VELUSAMY

Curriculum vitae

PERSONAL DATA

DATE OF BIRTH: 15 December 1991
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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 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