

VIGNESH RAMESH

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EDUCATION

M.S. Computer Science

New York University, School of Engineering, NY

Coursework: Analysis of Algorithms, Cloud Computing, Big Data, Distributed System, Database System, Computer Networks.

📅 Aug 2015–May 2017 🎯 GPA: 3.4

B.E. Computer Science

Anna University, India

📅 Jul 2009–May 2013 🎯 GPA: 3.7

EXPERIENCE

Software Engineer

Radiator Labs (Startup)

📅 Sep 2015–Aug 2016 📍 New York, US

- Developed a dashboard application which pulls and analyzes real-time data to see energy usage information and statistics.
- Data and information services (analyzing and visualizing data) for client and server side applications.
- Technologies Used: *Python, AngularJS, Node.js, DynamoDB*

Analyst System Developer

Verizon Communications

📅 Sep 2013–July 2015 📍 Chennai, India

- Developed and customized components of Clarity PPM Tool.
- Experience in Clarity modules such as Project Management, Portfolio Management, Clarity Administration, Demand Management, Studio and Security Model. Designed and developed Portlets and SAP-Business Object Reporting.
- Technologies Used: *Clarity PPM, Java Spring, SQL*

Marketing Intern

SMU State Bank of India

📅 Jul 2013–Aug 2013 📍 Chennai, India

- Performed Market Survey analysis and proposed Financial Schemes for credit risk reduction and the increase in market share.

Co-Founder

Daddyspocket.com

📅 Nov 2011–Jan 2013 📍 Cochin, India

- Managed the product engineering team to develop an e-commerce application which is a one-stop marketplace for small-scale fashion designers and micro-manufacturers.

PUBLICATION

Conflict Management Model using Functional Reactive Programming in SDN

📅 May 2014 📍 Delhi, India

- Designed a Conflict Management Model in Conflict-Aware Software Defined Networking.
- Published in the Intl. conference on International Journal of Advance Computational Engineering and Networking.

TECHNICAL SKILLS

🔧 Languages and Frameworks

Python, Java, C++, JavaScript, AngularJS, Node.js, Hadoop, Spark, Kafka, D3, AWS, Jasmine, HTML/CSS

🔧 Databases and Operating Systems

MongoDB, DynamoDB, SQL, MySQL, NSQL, PostgreSQL, Ubuntu, Linux

PROJECTS

Stroll (crowdsourcing app)

📅 Oct 2016–ongoing

- Stroll brings authentic walking tours designed by people that live and work there with crowdsourced reviews and photos.
- Features: Popular nearby routes with unique experiences where users add multiple photos, rating, and comments.

Distributed Key-Value Store

📅 Oct 2016–ongoing

- Developing an in memory key-value store and Implementing a server and a client for the service defined in kvstore thrift.
- Features: Replication for fault tolerance, detection of Strict Consistency or Eventually consistent and Support for Consistency levels.

Manhattan Nest

📅 Jul 2016–Aug 2016

- Developed a map visualization tool for housing recommendation. It's based on factors like cost of living, crime rate, nightlife, proximity to subways, hospitals, restaurants; using Yelp API & Open data source.

Citi Bike's System Analysis

📅 Feb 2016–May 2016

- Developed an analytics application aimed at categorizing customers to facilitate targeted advertising, which will help to redesign marketing strategies and to improve customer base.
- Features: Google estimate analysis, bike rebalancing, boroughs distribution, effects of subways and seasons.

AWARDS AND HONORS

- **Spotlight Award** and Best Outstanding Employee of the year 2015, Verizon, India.
- Certified **E-Leader** by National Entrepreneurship Network (NEN) of India.
- **Chief Knowledge Officer**, Lemonlyv-Entrepreneurship Cell, Velammal College.