Vignesh Ramesh

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EDUCATION

Master of Science, Computer Science   May'17
New York University Tandon School of Engineering, New York, NY

Bachelor of Engineering, Computer Science   Apr'13
Anna University, Chennai, India

TECHNICAL SKILLS

Languages and Frameworks: C, C++, Python, Flask, Java, Angularjs, Express, Nodejs, AWS
Databases and Operating Systems: SQL, NSQL, PostgreSQL, MongoDB, Ubuntu, Linux

EXPERIENCE

Part-Time- Software Engineer, Radiator Labs (Startup), New York, NY   Sep'15 - Present
- Developed a dashboard application which pulls and analyzes real time data to see statistics and energy usage information.
- Full stack development in the Radiator Lab operational management system.
- Technologies used: Angularjs, MongoDB, Bootstrap, Express, Nodejs

Analyst System Development, Verizon Communications, Chennai, India   Sep'13 - Jul'15
- Worked in the Development and Customization of CA Clarity PPM Tool.
- Experience in implementing Clarity modules such as Project Management, Portfolio Management, Clarity Administration, Demand Management, Studio and Security Model.
- Responsible for design and development of the SAP- Business Object Reporting, Portlets.
- Develop, Test, Deploy and Migrate all custom component of Clarity PPM.
- Technologies used: HTML, CSS, Javascript, Java, NSQL, Gel Scripting, SQL, LaTeX.

Marketing Intern, SMU State Bank of India, Chennai, India   Jul'13 - Aug'13
- Performed Market Survey Analysis and Proposed Financial Schemes for credit risk reduction and increase in market share.

Software Engineer Intern, Praudyogiki TechnoLabs (Startup), Cochin, India   Nov'12 - Jan'13
- Worked in front-end development of dadyspocket.com - an E-commerce product.
- Responsible for design and implementation of product customization tool.
- User experience engineering in product categorization and listing, customer and seller management.
- Technologies used: Javascript, CSS, HTML, Git, SQL, Bootstrap

ACADEMIC PROJECTS

Neighbor Connect   Dec'15
- Social Platform for neighbors and friends to connect. Users are allocated a neighborhood and block based on their address.
- Users can post messages, comments and add/remove friends and also can access data feeds from neighborhood groups, block groups, friend groups and send private messages.
- Technologies used: Python, Flask, Angularjs, MySql

Privacy Protection on Transfer system for ATM from Brute force attack   Feb'13
- Developed a two way Authentication system by generating QR code and embedded One Time Password.
- The webcam in Automatic Teller Machine is also triggered to capture the illegal access.

Email Pro +   Sep'12
- An Intranet web mail service, which provides various features like split inbox, delivery status notification, email priority, self destruct email, Time to deliver.

PAPER PUBLICATION

Conflict Management Model using Functional Reactive Programming in SDN   May'14
- 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 (IJACEN) held in Delhi, India.

ADDITIONAL EXPERIENCE

Coordinator, Diversity Premiere League(DPL), Verizon, Chennai
- A tournament which involved organizing entertaining activities for employees, conducted by the Employee Resource Group- Diversity Council.

Chief Knowledge Officer, LemonIvy- EntrepreneurshipCell, Velammal Engineering College
- Overseen the activities of the entire E-cell and incorporated the best knowledge management practices. Created awareness about Entrepreneurship as part of E-week 2012.

AWARDS AND HONORS
- Spotlight Award and Best Outstanding Employee of the year 2015, Verizon, India.
- Certified "E-Leader" from National Entrepreneurship Network (NEN) of India.