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EDUCATION

- Graduated from College of Engineering Guindy, Anna University, Chennai with a masters degree in Computer Science (5 Year Integrated programme) scoring 8.47/10 CGPA.
- Passed 12th Standard State Board Examination, Shiksha Kendra, Vellore, Tamil Nadu scoring 92%.
- Passed 10th Standard Matriculation Examination, Shiksha Kendra, Vellore, Tamil Nadu scoring 86%.

WORK EXPERIENCE

Product Developer at Freshdesk India Pvt. Ltd, Chennai. (May '14 - Present)

- Developing a near-realtime ETL based analytics platform using Ruby, RabbitMQ, MySQL and Amazon Redshift.
- Optimised the back-end performance, improved scalability and security of the core API service built on Ruby on Rails for the IT helpdesk SaaS product, Freshservice.

Intern at Trimble Navigations India Pvt. Ltd, Chennai. (Dec '13 - Apr '14)

- Developed a chat system for SaaS product, Trimble Connected Community, that connects users with heavy civil machineries, geo location, transport and logistics systems. It was implemented with XMPP over WebSockets using JavaScript, Java (Jetty WebSocket API) and OpenFire XMPP server.

Intern at Oracle India Pvt. Ltd, Bangalore. (Jun '12 - Nov '12)

- Customized the logging framework in Oracle Application Development Framework (ADF 11g, Fusion Middleware) for Oracle Retail application development using Java.
- Developed a report generation tool as part of the Oracle Retail Application Suite using Java, MVC and SOA.

Head of Web Operations at CEG Tech Forum, Anna University. (Apr '12 - Jun '13)

- Developed a completely AJAX driven, SEO friendly website for Kurukshetra '13 (International Techno-Management Fest of College of Engineering Guindy under the patronage of UNESCO). <http://archive13.kurukshetra.org.in/>
- Coded the online games for Kurukshetra '13 viz. "Sherlock Holmes" (multiplayer online treasure hunt), "Athena" and "Cerebra" (timed quizzing events).

PROJECTS

- E-Commerce. "CollabShop", a collaborative online shopping tool for amazon.in. Built using NodeJS, Chrome API.
- Social network. "AskCEG", a platform exclusively for students to find, share and crowd-source knowledge. Developed using CodeIgniter (PHP), MySQL, JavaScript, MVC, Nginx, Memcached.
- Password-less Authentication System. "NoPass", a ssh like authentication mechanism for web applications. The service was built using NodeJS and the client is a Chrome extension.
- Trip Aggregator. Aggregates geocode log taken from a user's mobile device and generates a summary of the user's activity in the trip using Java, Bing Maps, Foursquare API, Executor multithreading framework, Jackson.

- Text Predictor. “iText”, text autocompleter for Facebook chat that provides suggestions based on user’s typing pattern using JavaScript and HTML5.
- Websites. Designed and developed the following websites with custom Content Management System using HTML5, CSS3, JavaScript, PHP and MySQL. QQuest ’12 - National Quality Management Conference, AU-TVS center for quality management; MCS ’12 - Math Computing Society; Pinnacle ’13 - Dept. of Mechanical Engineering, College of Engineering Guindy, Anna University Chennai.

AREAS OF INTEREST

- Web development; Back-end engineering; Scalability;

TECHNICAL SKILLS

- Ruby; Java; JavaScript; HTML5; CSS3; NodeJS; Ruby on Rails;
- MySQL; Redis; Memcached; Redshift; RabbitMQ; Nginx; Passenger; Amazon Web Services; Linux; Chrome Developer Tools; Eclipse; git; github; Test Driven Development;

AWARDS AND ADDITIONAL EXPERIENCE

- Jury’s award, Amazon Hyderabad - NIT Pragyan Hackathon ’14.
- Winner, Freshdesk Intra - org hackathon ’14.
- Winner, Freshdesk Save The Hacker (2nd edition) - hackathon, aBaCus ’14 (National level symposium of Department of CSE, College of Engineering Guindy, Anna University).
- Finalist, Microsoft SoftCoding, Kurukshetra ’14 (International Techno - management Fest of College of Engineering Guindy, Anna University).
- Winner, Chronus hackathon, aBaCus ’13.
- Finalist, Heptathlon. Computer Science event, Kurukshetra ’13.
- Third Place, Web Prodigy. Web development event, iTrix ’13 (National level symposium of Department of IT, College of Engineering Guindy, Anna University).
- Finalist, K!Apps. Application development contest, Kurukshetra ’12.
- Presented a paper entitled “Electronic Voting System Using Multimodal Biometrics”, TechUtsav ’11, Thiagarajar College of Engineering Madurai.
- Winner, paper presentation, TechShow ’11, Computer Society of Anna University.
- Completed, Cisco Certified Networks Associate (CCNA) at Cisco Regional Academy, Anna University during 2010 - ’11.

EXTRA - CURRICULAR ACTIVITIES

- Promoted to Student Director of CEG Tech Forum 2012 - 2013.
- Promoted to Technical Head of Math Computing Society 2013 - 2014.
- Completed a German language course from Dept. of English and Centre for International Affairs, Anna University.
- Active blogger at vikkiandtheweb.wordpress.com and vigneshjayavel.in
- Open source enthusiast and Linux activist at CEG LUG (CEG Linux Users Group).

I hereby confirm that the information furnished above is accurate and correct to the best of my knowledge.

Chennai

Vignesh J