

Sakthipriyan Vairamani

<http://thefourtheye.in>

Email : sakthi@thefourtheye.in

Mobile : +91-999-460-2429

KEY FEATURES

- **Node.js project's Technical Steering Committee Member**

- List of TSC members and responsibilities*

- **166,000+ reputation in stackoverflow**

- Top 0.06% of overall answerers*

- **Chennai Node.js Meetup Organizer**

- One of the popular Node.js meetup groups in Chennai*

EXPERTISE

- **Node.js**

- One of the core contributors of the project.*

- **Python**

- Both Python 2 and 3. Have a bit of knowledge about the internals of CPython implementation.*

- **Javascript**

- Have a good understanding of the language and its specification. Also a little bit about V8 Engine.*

- **Java**

- Eight+ years of professional development experience.*

- **C & C++**

- Used to use these in competitive programming. Have experience working with them in Node.js Core and CPython.*

EDUCATION

- **Kamaraj College of Engineering & Technology**

- Bachelor of Engineering in Computer Science; 72%*

Virudhunagar, Tamilnadu, India

Aug. 2004 – Jun. 2008

- **K.V.S Higher Secondary School**

- +2; 89%*

Virudhunagar, Tamilnadu, India

Jun. 2004

EXPERIENCE

- **PayPal India Development Center**

- Software Engineer*

Chennai, Tamilnadu, India

Sep 2014 - Present

- **FileVault:** This application is the port of PayPal. All external file transfers are done via this. Ensured that application is secure and refactored it for maintainability.
 - **Invoicing:** Refactored a huge chunk of critical parts of the Invoicing product for performance, readability, and memory leaks.
 - **Kafka-ElasticSearch Pipeline:** This Akka streams based pipeline helps consuming data from Kafka, with back pressure, and publishing them to ElasticSearch. One of the core developers of this product.
 - **Crawler:** Internal application which crawls websites from the internet. Improved the scalability of the application by reconstructing the core.

- **Computer Science Corporation**

- Software Engineer - for PayPal*

Chennai, Tamilnadu, India

Dec 2011 - Sep 2014

- **Web Security:** Developed and integrated prevention frameworks with all the PayPal flows for common web attacks like CSRF and XSS.
 - **Anomaly Detection System:** Contributed to anomaly detection in the application layer, with respect to the number of requests and the type of requests. This helps greatly in preventing Account Take Overs.
 - **DDoS prevention for PayPal APIs:** Developed a system which would validate the API requests at different network layers to prevent DDoS attacks.

- **Honeywell Technology Solutions** Madurai, Tamilnadu, India
Software Engineer Nov 2010 - Nov 2011
 - **Turbobolt:** It is a bolted joint analysis program for the aeroplane engine manufacturing system. OpenGL was used to generate 3D models of the bolts.
- **IBM India Private Limited** Bengaluru, Karnataka, India
Software Engineer Aug 2008 - Sep 2010
 - **AT&T Network Systems:** Managed various applications which deal with different network switches. Deploying routing information, bookkeeping of switches, and collecting performance information are few of the main aspects of these projects.