

MADHAVA G.

9+ Years Experience in Building Distributed Systems.

+91-9535876811 @ m@kriml.com http://github.com/krimler Bangalore, India

WORK EXPERIENCE

Technical Leader

Cisco Systems 06/2012 - Ongoing Bangalore, India

Developer for Cisco Ironport Web Security Product.

- Designed & coded scalable & distributed product architecture.
- Invented & coded Emotion based web/email categorisation. Demonstrated in cisco machine learning conference in Prague.
- Developed in-memory multi-threaded data structure. Coded HT, SET & HyperLogLog. Developed v1.0 clustering & replication support.
- Developed several network security product features e.g. SSL/TLS MITM Proxy, HTTP2.0 Proxy, secure ICAP Protocol, fixed several HTTP vulnerabilities, integrated snort & ISE like internal products with web gateway to enhance overall threat protection.
- Designed & developed distributed user traffic authentication system.
- Built new development teams from scratch and made tightly scheduled delivery on time.
- Worked in agile model, helps to create and evolve user stories, provide design and technical judgement to team and removing technical obstacles.
- Developed DHCP Proxy. Coded session management for Broadband Network Gateway. Developed multiple series of features like Prepaid Broadband session & services(used by Reliance Jio) based on RADIUS & DIAMETER, session accounting & service accounting, software rate limiter for RADIUS CoA, Mobile IPV6 etc.

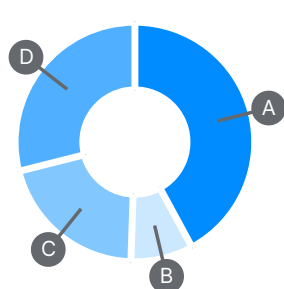
Software Engineer

Symantec 07/2010 - 06/2012 Pune, India

Development of Symantec Brightmail Gateway.

- Developed and maintained anti-spam library. It was a successful Bayesian filter in production.
- Developed IPV6 addresses clustering technique for security reputation & recommendation.
- Wrote efficacy measurement framework in C++ & XML for anti-spam engine.

MY TIME



- A Coding & Unit Testing.
- B Presenting Ideas, getting Design consensus, Doing Peer Reviews.
- C Leadership & Mentoring.
- D Life

SKILLS

Core Java Python C/C++

TCP/IP Distributed systems Security

Concurrency Microservices Linux

Machine Learning Identity SAML

PUBLICATIONS

Emotion AI for Emails.

Presented Paper in Cisco 6th Internal Data Science summit, Prague, Czech Republic.

Madhava G.

01/2019 URL

Applies NLP to text, classifies Email/twitter content into set of Emotions. Helpful to find out stressed work environments, depressed students etc.

Deep Reinforcement Learning based Network Load Balancing.

selected for 18th ACM Internet Measurement Conference (ACM IMC), Boston, MA, USA.

Ashwini D./Sangita K./Madhava G.

11/2018 URL

Discusses applying DRL to Network load balancer.

EDUCATION

Engineering in Information Technology

Govt College of Engineering, Karad; Shivaji University, Kolhapur India.

2003 - 2006

%
71 / 100