MADHAVA G.

13+ 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. First Pass gave 100% performance improvement.
- Developed several network security features e.g. Distributed proxy authentication, Web Application visibility, TLS MITM Proxy, HTTP2.0 Proxy.
- Developed important data structures, key algorithms & low latency messaging systems.
- Worked as gatekeeper (code reviewer) for overall feature development.
- Built new development teams from scratch and made tight 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.

Software Engineer

Symantec   📅 07/2010 - 06/2012   📍 Pune, India

Development of Symantec Brightmail Gateway.

- Developed and maintained world's one of the best anti-spam library (based on Bayesian filter; one of the machine learning technique).
- Developed IPv6 addresses clustering technique for security reputation & recommendation.
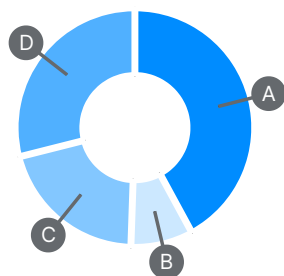- Wrote efficacy measurement framework for anti-spam engine.

Software Engineer

TATA Consultancy Services   📅 12/2006 - 01/2010   📍 Mumbai, India

ATCA Platform Development

- Worked as Lead Engineer for several AAA features development.

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++

TCP/IP   Distributed systems   Security

Concurrency   Microservices   Linux

Machine Learning   Identity   SAML

CUDA(GPGPU)

PUBLICATIONS

Emotion AI for Emails.

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.   % **71** / 100

📅 2003 - 2006