

# MADHAVA G.

13+ Years Experience in Building Distributed Systems.

+91-9535876811

<http://github.com/krimler>

m@kriml.com

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.

## SKILLS

Core Java

C++

Python

C

TCP/IP

Distributed systems

Security

Concurrency

Microservices

Linux

Machine Learning

Identity

SAML

CUDA(GPGPU)

## PUBLICATIONS

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### 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.

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### 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

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### Engineering in Information Technology

[Govt College of Engineering, Karad; Shivaji University, Kolhapur India.](#)

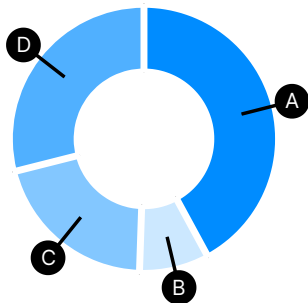
📅 2003 - 2006

%

71 / 100

## MY TIME

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