Yash Agarwal

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WORK EXPERIENCE

Software Engineer, Cisco Systems, Bangalore, IN 08/18 - Present

- Part of CTO - Advanced Development team in Security Business Group
- Working on implementing POCs related to Open Policy Agent(OPA) to separate out policy decision-making logic from the services and offload it to OPA.

Web Developer at MeetVaidya 07/15 - 12/15

Worked on improving the interface of the Web portal for online Ayurvedic consultation using JavaScript, PHP and MySQL.

EDUCATION

Bachelor of Technology in CSE 07/14 - 05/18

National Institute of Technology, Calicut, India

PROJECTS

Projects available on GitHub : `https://www.github.com/yashhere`

- **An Analysis of Android Permission Model** : Worked on the analysis of Android Security Model as the Final Year Project. Aim was to analyze the Android permission model and to identify various security problems, it poses to normal user.
- **ConMan** : An elegant approach towards the management of configuration files in UNIX based systems. Written in Python.
- **RedWallDown** : Download trending Reddit wallpapers and set them as wallpaper on your Linux, Mac or Windows machine.
- **Goofy** : Generate .gitignore file for projects.
- **BeautifyMP3** : A command line tool for fixing ID3 metadata and adding Album Art to MP3 songs.
- **xkcdTwitterBot** : A Twitter bot which tweets xkcd comics related to programming, tech, math, algorithms or anything computer science related.

TECHNICAL SKILLS & AREAS OF INTEREST

Programming Languages - Proficient in C, Python, Go, and Clojure. Comfortable in C++, Bash, and JavaScript.

Writing - I am interested in writing about technical subjects. I blog at https://yashagarwal.in whenever possible.

MISC

- **Coordinator of FOSSMeet, 2018**
- **Secretary of FOSSCell, NITC** 07/17 - 04/18
- **Lab Admin at Software Systems Lab** 04/16 - 04/18
  Maintaining all the Linux based servers of CSE Department and systems of the lab
- **Member of FOSSCell, NIT Calicut** 07/16 - 04/18
  A part of FOSS community at NITC, worked in the organizing team of FOSSMeet 2017.

Last updated on January 18, 2019.