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Hrishikesh Barman

Work Experience

- 2019 May - **Google Summer of Code student, CNCF/Prometheus** - Working on the
2019 Sept Prometheus benchmarking tool and PromQL rule formatter.
- 2019 July - **Systems Intern, rtCamp, Pune** - Working on various sysadmin and monitoring
2019 Aug related tasks.
- 2018 Aug - **Remote intern, Free Software Foundation, Boston** Sysadmin and monitoring
2018 Dec tasks with Nagios, Prometheus, Ansible.
- 2015 Nov - **Freelance Fullstack WebDeveloper** - Freelance projects based around web appli-
Present cations, browser extensions, automation bots, scrapers, crawlers etc.

Positions and Responsibilities

- 2017 May - **Campus Club Captain, Mozilla** - Conducted 20+ events in and outside campus
Present related to OpenSource and Mozilla
- 2017 May - **Student Partner, Microsoft** - Active participation in organizing events related to
2018 May emerging technologies and introducing student

Education

- Graduating **B.Tech in Computer Science and Engineering, GIMT Guwahati, Assam, India.**
2020 Currently in 3rd Year

Honors & Awards

- 2019 **Finalist**, Smart India Hackathon - Cisco Track.
- 2018 **India National Finalist**, Microsoft Imagine Cup 2018.
- 2017 **PwC Track Winner**, Hack2Innovate Deep Tech Hackathon by Nvidia and PwC.
- 2017 **Honorable Mentions**, DMCH - Countering online extremism by Facebook&YKA.
- 2014 **Winner**, Esplendidez Paper Presentation on WhatsApp vulnerability.
- 2012 **Honorable Mentions**, NASA Ames Space Settlement Contest.

Technical Interests

OpenSource, Web applications, Systems and Network programming, Networks, System administration, Distributed systems

Skills

Platforms	Linux, Windows
Languages	Python, Golang, C, JavaScript, Lua, Bash, Sed, Awk, PHP
Web	ReactJS, Django, Flask, NodeJS, Modern Build Systems
DBMS	MongoDB, MySQL, PostgreSQL, SQLite
VCS	Git, Mercurial
Data	Scrapy, Selenium, PhantomJS, D3, BS4
Operations	AWS, Vagrant, Ansible, Docker, Kubernetes, Nginx
Monitoring	Nagios, Prometheus
Others	L ^A T _E X, Data Structures, Algorithms, Operating Systems, Systems Programming, Network Programming, Automation Scripts, Regular Expressions

Community Activities

- 2017-Present **OpenSource Contributor.**
Contributions to opensource projects like Firefox, Thunderbird, Django, Neovim, Prometheus
- 2012 - 2015 **Cisco Learning Network Member.**
Active participation in discussions related to computer networks

Projects

- 2018 **JohnmayerOS** A simple os written in assembly that prints my resume.
- 2018 **TwitMarks** Browser extension that adds native bookmark functionality to twitter.
- 2017 **GitPushBlog** A static blog generator in JavaScript using the GithubAPI and issues.
- 2017 **WannaSmile** A simple windows service that defends a Windows machine against WannaCry once installed, got numerous media mentions.
- 2017 **MarkMyMind** Converts markdown text into a D3 mindmap using a custom markdown parser

Extracurricular Activities

- 2007 - 2013 District Badminton Player