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Hrishikesh Barman

Work Experience

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

Positions and Responsibilities

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

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
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