Hrishikesh Barman

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Work Experience

2019 May - Present **GSoC student, CNCF/Prometheus** - Working on the Prometheus benchmarking tool and PromQL rule formatter.

2018 Aug - 2018 Dec **Remote intern, Free Software Foundation, Boston** Sysadmin and monitoring tasks with Nagios, Prometheus, Ansible.

2015 Nov - Present **Freelance Fullstack WebDeveloper** - Freelance projects based around web applications, browser extensions, automation bots, scrapers, crawlers etc.

Positions and Responsibilities

2017 May - Present **Campus Club Captain, Mozilla** - Conducted 20+ events in and outside campus related to OpenSource and Mozilla

2017 May - 2018 May **Student Partner, Microsoft** - Active participation in organizing events related to emerging technologies and introducing student

Education

Graduating 2020 **B.Tech in Computer Science and Engineering**, *GIMT Guwahati*, Assam, India. 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, JavaScript, C, Golang, 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	LaTeX, 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 is 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