

Narengi Tiniali VIP Road, House no 295  
Guwahati  
Assam, India  
☎ +91 (8486) 2948 64  
✉ hrishikeshbman@gmail.com  
📄 geekodour.github.io

# Hrishikesh Barman

## Work Experience

- 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
- 2018 May - **Educator and Ambassador, Progate** - Conducting Hour of code in local schools and preparing study materials for students.
- Present

## 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

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## 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	L <sup>A</sup> T <sub>E</sub> X, Data Structures, Algorithms, Operating Systems, Systems Programming, Network Programming, Automation Scripts, Regular Expressions

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## Community Activities

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

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## Projects

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

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## Extracurricular Activities

2007 - 2013	District Badminton Player
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