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# Hrishikesh Barman

*Creative thinker with a knack for problem solving and motivated to bring happiness to others.*

## Work Experience

- 2015 Nov - **Freelance Fullstack WebDeveloper** - Developed WebApplications and Browser Extensions for several clients.
- 2015 Nov - **Freelance WebMiner** - Developed bots, scrapers, crawlers to modify and extract information from numerous websites, webapps and social media sites.
- 2016 Jul - **Systems Admin and Technical writer, Snoozepost** - Responsible for keeping the servers healthy and running automating tasks.
- 2016 Nov - **Remote Fullstack Developer, Innolearn** - Developed a NLP solution from scratch to generate accounting journal entries from plain questions.
- 2017 Feb

## Positions and Responsibilities

- 2017 May - **Campus Club Captain, Mozilla** - Conducted 20+ events in and outside campus related to OpenSource and Mozilla
- 2017 May - **Student Partner, Microsoft** - Active participation in organizing events related to emerging technologies and introducing student
- 2018 March - **City Ambassador, AngelHack** - Organizing the AngelHack Guwahati 2018 and other hackathon related activities.
- 2018 May - **Educator and Ambassador, Progate** - Conducting Hour of code in local schools and preparing study materials for students.

## Education

- 2015 - 2020 **B.Tech in Computer Science and Engineering, GIMT Guwahati, Assam, India.** Currently in 3rd Year

## Technical Interests

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

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## Community Activities

- 2017-Present **OpenSource Contributor.**  
Contributions to open source for both individual projects and bigger projects like Firefox, Thunderbird, Django
- 2017-Present **DG-Plug Community Member.**  
Participation in discussions related to opensource and online privacy in India
- 2012 - 2015 **Cisco Learning Network Member.**  
Active participation in discussions related to computer networks

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## Skills

- Platforms Linux, Windows
- Languages Python, JavaScript, C, C++, Lua, Bash, Sed, Awk, PHP
- Web ReactJS, AngularJS, Django, Flask, NodeJS, Modern Build Systems
- DBMS MongoDB, MySQL, PostgreSQL, SQLite
- VCS Git, Mercurial
- Data Scrapy, Selenium, PhantomJS, D3, BS4, Pandas
- Operations AWS, Celery, Vagrant, Ansible, Docker, Nginx
- Others  $\LaTeX$ , Data Structures, Algorithms, Operating Systems, Systems Programming, Network Programming, Automation Scripts, Regular Expressions

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## Honors & Awards

- 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.

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## Projects

- 2017 **GitPushBlog** A static blog generator in JavaScript using the GithubAPI and issues with different automation scripts like Jekyll
- 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
- 2017 **StockPrediction** Predicted stock fluctuations based on user sentiments about #Amazon on twitter.

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## Extracurricular Activities

- 2007 - 2013 District Badminton Player