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Hrishikesh Barman

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

Work Experience

- 2018 Aug - **Intern, Free Software Foundation** Sysadmin and operations related tasks with Present Nagios, Prometheus and improving the LibreJS browser extension support.
- 2015 Nov - **Freelance Fullstack WebDeveloper** - Developed WebApplications and Browser Present Extensions for several clients.
- 2015 Nov - **Freelance WebMiner** - Developed bots, scrapers, crawlers to modify and extract Present information from numerous websites, webapps and social media sites.
- 2016 Jul - **Systems Admin and Technical writer, Snoozepost** - Responsible for keeping Present the servers healthy and running automating tasks.
- 2016 Nov - **Remote Fullstack Developer, Innolearn** - Developed a NLP solution from scratch
2017 Feb to generate accounting journal entries from plain questions.

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 Present emerging technologies and introducing student
- 2018 March - **City Ambassador, AngelHack** - Organizing the AngelHack Guwahati 2018 and Present other hackathon related activities.
- 2018 May - **Educator and Ambassador, Progate** - Conducting Hour of code in local schools Present 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

Community Activities

- 2017-Present **OpenSource Contributor.**
Contributions to open source for both individual projects and bigger projects like Firefox, Thunderbird, Django, Neovim
- 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

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

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.

Projects

- 2018 **JohnmayerOS** A simple os written in assembly that prints my resume.
- 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
- 2017 **StockPrediction** Predicted stock fluctuations based on user sentiments about #Amazon on twitter.

Extracurricular Activities

- 2007 - 2013 District Badminton Player