

# LAKSHAY KALBHOR

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## SUMMARY

- Final year engineering student at Manipal University with 4+ years of experience in coding
- Author of popular open source projects on Github (1000+ total stars)

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## EDUCATION

**Manipal University**, Karnataka, India      B.Tech. in Electrical & Electronics Engg. (2021)  
**Bluebells School International**, New Delhi, India      12th Grade CBSE Science - 91% (2017)

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## SKILLS

- Golang, Python, C++
- Linux, Bash Scripts
- Redis
- AWS, Docker, Jenkins
- MySQL, MongoDB
- Git/Mercurial

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## EXPERIENCE

**Webloom Solutions** **Remote, India**

Member of Technical Staff Intern June 2020 - July 2020

- Managed the infrastructure on AWS and helped deploy multiple projects to production
- Setup CI/CD on all projects using AWS CodeDeploy and custom scripts
- Wrote multiple endpoints in Django for a social media based app
- Endpoints work on tailoring popular choices and most viewed videos for users

**Manipal The Talk Network** **Manipal, India**

Head of Software Development (2019-2020) Oct 2017 – 2020

- Managed the main website and two apps for the largest media body in Manipal ([link](#))
- App trended on PlayStore ("News and Media"), ubiquitous in phones on campus ([link](#))
- Built the backend in Python (Flask) and hosted the applications on Digital Ocean
- Implemented scalable infra that served more than 3000 daily active users (DAU)
- Built custom tools in Python to verify 1000+ payments by parsing bank statements

**Avanti Learning Centres** **New Delhi, India**

Software Engineering Intern Apr 2018 – June 2018

- Implemented automatic deployment system to push new builds without any downtime ([link](#))
- Moved deployments to spot instances to save costs on servers
- Wrote multiple microservices (running on CI and Reverse Proxy) in Python that communicated asynchronously through Redis channels
- Technologies used (AWS) : Spot Instances, EBS, Autoscaling Groups, Spot Fleet History

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## SELECT PROJECTS

- **MusicRepair**: Apply metadata to audio files using Spotify's API [link](#)
  - Trended on Github (500+ stars)
- **Mutago**: ID3 tagging library for Go [link](#)
  - Listed in ID3's official implementations under Go
- **Thirsty**: Reminds you to drink water on your terminal [link](#)
  - Trended on HackerNews and Github (250+ stars)
- **BrownCherry Cafe (Freelance Project)**
  - Backend for a local cafe in Manipal (handled auth, payments, users)

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## AWARDS & TALKS

- Talk at MuPy Python Conference (2017 & 2018)
- 2nd Runner's Up in competitive coding at ProCon Jr, IIT Delhi (2016)
- Microsoft School Ambassador (2016)