SHIVAM SINGHAL

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SUMMARY

· Experience with frontend web development and open source development.
· JavaScript, Python, Django, Docker, React, Git, Mercurial, MongoDB.

EXPERIENCE

Mozilla   *Remote*
Code Contributor   April '18 – Present

· Worked on migrating Python codebase of mozbase to Python3.
· Fixed bugs in SpiderMonkey. (JS Engine for Firefox)
· Enhancing Webextensions API suites for Firefox.
· Fixing bugs for Mozilla Addons frontend and backend, built in React-redux and Python.
· Featured as Friend of addons on Mozilla's Blog

Hackerrank   *Bangalore*
SDE Intern   Jan '20 – Present

· Implemented Employer Branding Settings in Hackerrank for Work platform to brand better.
· Implemented Interview Preparation Kit in Hackerrank for Community to prepare for Interviews.

The Linux Foundation   *Remote*
Open Mainframe Intern   Sep '19 – Dec 19

· Building frontend for Compliance engine is an analytical tool designed for an inspection and audit of data held on a Blockchain ledger. Project's Repository.

Mozilla   *Remote*
Google Summer of Code Student   May – Sep '19

· Improved infrastructure underpinning Firefox's in-tree documentation via enabling linters, faster build times. GSoC Work Report.

Dadpreneur   *New Delhi, IN*
Software Development Intern   Jan – March '19

· Rewrote referral invites system, with shareable url to expand reach of platform.

Eulercoder   *Remote*
Contract Developer   1 week '18

· Developed admin API where one can see all users and manage them.
· Worked on frontend for admin in React.

PROJECTS

· **create-web-ext** – Scaffolding CLI tool for browser extensions. Written in JavaScript
· **Permission Inspector** – Missing addon manager for firefox. Written in JavaScript
· **webextensions.tech** – UI for create-web-ext. Code can be found here
· My other projects can be found here

Open-source contributions: I am an active OSS contributor, majorly in Mozilla. My **Merged PR's**.

TALKS

· **The Linux Foundation, Open Source Summit, France** – Gave a talk on my Open Mainframe project.

· **RedHat, DevConf, Bangalore** – Gave a talk on Cross Browser Development.

Volunteer Experience

2016   Mozilla Campus Club   Lead the Mozilla Campus Club.

Education

Guru Gobind Singh Indraprastha University, Delhi   Aug '16 – Present
Bachelor of Technology in Computer Science and Engineering