

Ujjwal Sharma

<https://ryzokuken.github.io>
usharma1998@gmail.com

EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
BTech in Computer Science
Expected May 2020 | Noida, India
Cum. GPA: 7.4

LINKS

Github:// [ryzokuken](#)
LinkedIn:// [ryzokuken](#)
Twitter:// [@ryzokuken](#)

ROLES

Node.js - **Core Collaborator**
Electron - **Maintainer**
Publiclab - **Collaborator**
OSDC - **Lead Organizer**

OPEN-SOURCE

v8/v8
nodejs/node
nodejs/node-v8
tc39/test262
libuv/libuv
electron/node
publiclab/plots2
publiclab/plotsbot

WARGAMES / CTFs

meh ctf
cryptopals (go)
cryptopals (rust)
bandit
natas

SKILLS

PROGRAMMING

C/C++ • JavaScript • Ruby • Python
Golang • Rust • Torque • C#

FRAMEWORKS

React • Vue • Express • Flask
Koa • Ruby on Rails

TOOLS

Linkerd • Namerd • Zipkin • Jaeger
Docker • Vim • GNU/Linux

MISC

Electron • Unity • HTML5 • CSS3

EXPERIENCE

NODE.JS | CORE COLLABORATOR

April 2018 - Present | Open-Source

- Work on V8 upgrades, making sure Node.js's master is in sync with V8's canary.
- Work on the crypto and VM modules and on the module subsystem.
- Sporadically work on improving the overall codebase.
- Eradicate the use of most soon-to-be deprecated V8 APIs.

ELECTRON | MAINTAINER

June 2018 - Present | Open-Source

- Assist the electron core team in upstreaming patches to Node.js, libuv and V8.

GROFERS | SITE RELIABILITY ENGINEERING INTERN

Summer 2018 | Gurugram, India

- Worked alongside the operations team as well as different development pods in order to roll out an end-to-end distributed tracing solution for their services.
- Arranged all the services in a service mesh in order to streamline tracing alongside improving discovery and enabling circuit-breaking.
- Developed a set of middlewares (go, flask, django, express) in order to allow different developers to adopt the tracing setup with minimal changes to the existing code.

GOOGLE SUMMER OF CODE | MENTOR

Summer 2018 | Publiclab

- Mentored a total of three Google Summer of Code students with projects spanning multiple domains for the complete duration of the programme.

GOOGLE SUMMER OF CODE | STUDENT

Summer 2017 | Publiclab

- Built a chatbot on Node, automating a ton of menial tasks otherwise performed by community members, including some ops work, thus chatops.

FREEWAYS | FRONTEND DEVELOPMENT INTERN

Winter 2016-17 | Remote

- Rewrote their entire UI in React from Angular 1, giving it a complete facelift in the process.

PROJECTS

GRTRACER | GROFERS

2018

GrTracer is a set of implementation-agnostic middlewares and utilities that streamline the process of setting up distributed tracing.

HARBOR | PERSONAL PROJECT

2016 - 18

Harbor is a cross-platform GUI client for authenticating to the Cyberoam firewall built using Electron.

TALKS

2018 HolyJS Moscow The State of crypto in Node.js