

# Utkarsh Maheshwari (coditva)

## DIGITAL FOOTPRINT

### BLOG

[coditva.dev](https://coditva.dev)

### EMAIL

[coditva@gmail.com](mailto:coditva@gmail.com)

### SOCIAL

[github/coditva](https://github.com/coditva)

[twitter/coditva](https://twitter.com/coditva)

[linkedin/coditva](https://linkedin.com/company/coditva)

## SKILLS

JavaScript / TypeScript •

NodeJS • React •

MobX • React Query •

SailsJS • Jest / Mocha •

Git • Bash

## OPEN SOURCE

Neovim • Elementary Tweaks •

Gnome Todo • BaremetalOS

## HOBBIES

Reading • Running • Cooking •

Photography • Graphics Design

## EXPERIENCE



### POSTMAN | SENIOR SOFTWARE ENGINEER

Jun 2019 - present | Bangalore, India | Remote

- Played key role in re-design of Postman UI for API Client.
- Worked on the API Client team and interfaced directly with users to understand, debug, fix issues and gain feedback.
- Designed, built and benchmarked APIs for bulk operations of Collections.
- Worked on various performance improvements, both front-end and back-end.
- Built out Postman's Collections and Environments feature in Postman for VS-Code extension.
- Led, mentored and scaled up various SE1 and SE2 engineers.



### PBSWORKS, ALTAIR ENGINEERING | SOFTWARE ENGG. INTERN

Jul 2018 - Dec 2018 | Bangalore, India

- Led and completed the project for adding support in Apache Spark to use PBSPro as a cluster workload manager.
- [github.com/pbspro/spark-pbspro-connector](https://github.com/pbspro/spark-pbspro-connector)



### NEOVIM | GOOGLE SUMMER OF CODE STUDENT

May 2018 – Aug 2018 | Remote

- Improved external UI protocol to allow applications to provide “vim-mode”.
- [github.com/neovim/neovim/issues/8320](https://github.com/neovim/neovim/issues/8320)



### AIIMS BHOPAL | SOFTWARE ENGG. INTERN

Jun 2018 – Jul 2018 | Bhopal, India

- Wrote the backend for a webapp for medical reports and inventory management.
- [github.com/bitsaiims2017/api](https://github.com/bitsaiims2017/api)

## EDUCATION



### BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI

BACHELOR OF ENGINEERING, COMPUTER SCIENCE

Aug 2015 - May 2019 | Goa, India

Elective Courses: Network Programming, Internetworking Technologies, Software Engineering and Software for Embedded Systems.

## PROJECTS

### JAZZ | OS DEVELOPMENT

[github.com/coditva/Jazz](https://github.com/coditva/Jazz)

Jazz is a hobby OS in its early stages written from scratch as a proof of concept to understand OS by doing.

### UDT PROTOCOL IMPLEMENTATION | NETWORK PROGRAMMING

[github.com/coditva/udt-c](https://github.com/coditva/udt-c)

An implementation of the UDP-based Data Transfer (UDT) protocol in C. UDT is a much faster data transfer protocol than TCP with a socket interface just like TCP.

### SYNERGY | NETWORK PROGRAMMING

[github.com/coditva/Synergy-linux](https://github.com/coditva/Synergy-linux)

An application to sync Android and Linux notifications when connected to the same local network, written in C and allows extension through plugins.

### WRITE. RUN. TWEAK. | 2D GAME DEVELOPMENT

[github.com/coditva/WRT](https://github.com/coditva/WRT)

A game submission for GitHubGameOff 2019 game jam written in Lua and LOVE2d.