

# Prabhat yadav

Rust Developer

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## Skills

Github	Node-js
Java	Docker
Rust	Go lang
Python	Typescript
Linux	Mysql
Postgres	Redis
Algorithms	system design

## API development

## Interests

## Leadership

## Public speaking

## Certifications

Cisco certified network associate security (CCNA)  
Cisco

IT Security: Defense against the digital dark arts google  
Coursera

Google Project Management: Profesional Certificate pursuing  
Coursera

## Publications

Async mechanics in rust lang  
Amazon Kindle

Writing my own book on async programming of rust where I cover detailed outline of how futures work in the context of async rust.

## Languages


## English


Expert

## German

Beginner

## Profiles

 Prabhat .  
LinkedIn

 artech-git  
Github

## Experience

### Litheum

Rust engineer

<https://litheum.org>

- Work on designing the consensus algorithm for layer-1
- Integrate feature additions before testnet

### Insomniac Coder

Podcast

<https://podcasters.spotify.com/pod/show/nexus-stack>

- Researching about latest useful engineering case study which can help developer to take better decision
- Touch upon knowledgeable content around some not well known but necessary components of software development

### Aftershoot Pvt Ltd.

Rust SDE

<https://aftershoot.com>

\* Implemented remote error logging in tokio and reporting within the internal infrastructure of the Rust backend to capture panics effectively.

\* Performed performance optimizations that significantly enhanced the efficiency of the application.

\* Designed a new buffer-based File Uploader API to mitigate memory leakage concerns using tokio bufreader apis.

### Signal messaging foundation

Backend Contributor

<https://signal.org/#signal>

\* Enhanced application performance by rearchitecting the global initializer for optimal efficiency.

\* Improved the hash performance of the existing hashing function, enhancing overall processing speed.

## Education

### Vishwakarma institute of information technology

Electronics and telecommunication  
8.2

<https://www.viit.ac.in/>

2019-08-15 - 2023-05-15

Bachelors of technology

## Projects

### QUIC reverse proxy

A QUIC first support reverse proxy server (WIP)

### DNS query server

A basic DNS query resolver server

<https://github.com/artech-git/d-veil>

### Rust 2FA App

Time based OTP generator

<https://github.com/artech-git/rust-TOTP-server>

### Lofty

A highly scalable http/2 based file upload server