

# NRISHINGHANANDA ROY

## Rust Software Engineer

I write efficient, secure, clean and documented code by using Agile Methodologies in a devops environment. I have the tenacity and smart-working mentality to pick up required technologies effectively to make the product better and I'm committed to bring significant values to the company by utilizing my skills. I often contribute to Rust open source projects.

## Contact Information :

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## Open Source Contributions :

**rust-lang/rust-clippy**: Clippy is the linting tool to ensure quality of Rust code. I'm creating new lints as per user demands and collaborating with other team members. Please check my [contributions](#)

**google/trapc**: An RPC framework for Rust created by google. Please check my [contributions](#)

## Technical Skills :

**Languages/Frameworks**: Rust, Webassembly, axum, tokio, hyper, graphql, lua, bash, cue, vue.js, vite, typescript, javascript, scss

**DevOps**: Docker, Kubernetes, Gitlab CI, Github Actions, dagger.io

**Database**: PostgreSQL, Redis

**Operating System**: fedora (daily used OS)

**IDE and Others**: NeoVim, Vim, Visual Studio Code, rust-analyzer, Postman

## Language Skills :

**English** - Professional fluency - C1

**German** - Elementary fluency - A1 (currently learning)

**Hindi & Bengali** - Native Fluency - C2

## **Project Experience :**

### **TrustForum, Rust Software Engineer | Remote | Full-Time | January 2022 - Present**

I'm porting existing node.js backend in Rust and have fully embraced the devops culture. Apart from rust, I'm responsible for devops and infrastructure maintenance.

## **Achievements and Certifications :**

**Udemy**, completed over 10 courses on web development

**Freecodecamp**, completed web-development and data-structures courses

## **Training :**

### **MIT OpenCourseWare, 2020 - present**

Learning mathematics, algorithms, computer science, machine learning, and system engineering.

### **Coursera, 2021 - present**

I learned and completed an Algorithms course offered by Stanford University and the Cloud Native Development course of Red Hat.

## **Education Qualification :**

### **Government ITI Gariahat | Kolkata | NCVT ITI course on Survey | 2017 - 2018**

I completed a certification course on surveying. It introduced me to surveying & entrepreneurship. I became the class topper in the institution.

### **DCHS | High School | 2010 - 2016**

I participated in mentoring programs during my school and helped junior students with math and english.