

ABOUT

- Full-stack software engineer with ~2 years of work experience with web apps.
- Cares deeply about curiosity, empathy and rigor. People > Technology.
- More on mrinal.pw/now

EDUCATION

- **Indraprastha Institute of Information Technology** Delhi, India
Electronics and Communication Engineering May 2020

EXPERIENCE

- **MakeMyTrip** Gurgaon, India
Software Engineer - Customer Experience Jul 2020 - Nov 2021
 - Developer with *Holidays* CX team. Worked with 6+ services across the stack.
 - * Worked closely with operations team to implement a locking service for Holiday bookings.
 - * Implemented support-agent platform changes for 6E Holidays project with Indigo Airlines.
 - * Led refactor for My-Bookings module used by 5+ teams on frontend.
 - * Integrated user-led support ticket creation service amongst others.
 - * Documented core services and drove written communication culture within team.

PROJECTS

- **noucra** - Rust, Actix, PostgreSQL, Redis
 - Cloud-native application that lets you manage your newsletter subscribers and delivery.
 - Leverages Tokio's tracing framework for high quality telemetry through structured logging.
- **webserver-rs** - Rust, Proc-macros, Tokio
 - Ongoing research project with focus on building an experimental web server.
 - Support for endpoint attribute macros and asynchronous methods.
- **hashmap-rs** - Rust
 - Implementation of linked HashMap with support for Rust's Entry api.
- **banking-system** - Django, Python, Apache Cassandra
 - Bank with support for secure transactions, multi-factor auth, and user management.
- **advent-of-code '19 '21** - Rust, Go, Algorithms
 - Hacky solutions for Advent of Code programming puzzles.

PROGRAMMING SKILLS

- **Languages** - Rust, Javascript, Java
- **Technologies** - Tokio, Actix, React, Docker, PostgreSQL, Spring, Git

ACTIVITIES

- **Indraprastha Institute of Information Technology** Delhi, India
Teaching Assistant - CSE101: Introduction to Programming Aug 2019 - Dec 2019
 - Designed course material for labs, tutorials and quizzes.
 - Taught and held doubt resolution sessions for a group of ~50 students.