

# SOUVIK KAR MAHAPATRA

[souvikat001@gmail.com](mailto:souvikat001@gmail.com) | [twitter](#) | [linkedin](#) | [Github](#)

## EXPERIENCE

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- Tyup** Remote  
*Back-end Engineer* June 2021 – February 2022
  - Developed **news feed** based on institutions & visibility while communicating with the front-end team
  - feedback system with Notion as integration to fit with the team's workflow.
  - Designed **email OTP system** using **Redis**.
  - Automated moving data from **MongoDB** to **PostgreSQL**
  - Used **Nginx** as a reverse proxy and blocked malicious request
  - Integrated **AWS S3** with in-server authentication to prevent unauthorised access to resources.
  - Served **1000+** active users and survived injection attacks.
- MnyRate** Remote  
*Fullstack Developer* April 2021 – May 2021
  - Created **front-end** for admin dashboard
  - Designed **scope** based API endpoints

## PROJECTS

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- notion-to-md** [ Typescript ] December 2021
  - NodeJS module that converts Notion app pages, block and list of blocks to markdown (supports nesting) built on top of notion-SDK-js
  - 1000+** weekly downloads on NPM.
  - 180+** stars on GitHub with active development
- lsx (ls-Xtended)** [ Go, Shell ] October 2021
  - A command-line utility that lets you navigate through the terminal smoothly. Create an alias for the desired directory. Ranks most visited directories for better accessibility.
  - 150+** stars on GitHub with an active contribution.
- gofuzz** [ Go ] March 2021
  - Fast web fuzzer that tests the URL for different set of inputs.
  - Test for numbers within a certain range, ASCII characters and inputs from files. Uses Golang's concurrency for fast fuzzing. Categories inputs as per the status code. Export results to various file formats for further automation.
  - 30+** stars on GitHub
- web-SS** [ NodeJS, Express,EJS ] December 2020
  - Takes screenshots of the website(s) in bulk, automating the screenshot process.
  - Implemented front-end and back-end of the application

## TECHNICAL SKILLS

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**Languages:** JavaScript, C++ , Go, Python, Shell, Typescript, C  
**DB:** PostgreSQL, SQL, MongoDB, Redis  
**Frameworks:** NextJS, React, Svelte, Echo, Gin  
**Cloud / DevOps:** AWS(S3, EC2), Docker, Nginx, GitHub Actions

## ACHIEVEMENTS

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**Hult Prize 2022** On-Campus winner

## EDUCATION

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**Kalinga Institute of Industrial Technology** Bhubaneswar, Odissa  
*3rd year, B.Tech in Information Technology* September 2020 – Expected July. 2024