

## Personal Information

- **Name:** Pratik Dev
- **Email:** [pratikdevofficial1@gmail.com](mailto:pratikdevofficial1@gmail.com)
- **Phone:** +880 1537-220785
- **Address:** Chattogram, Bangladesh

## Education

- **B.Sc. in Computer Science and Engineering**
  - o **Institution:** BGC Trust University Bangladesh
  - o **Duration:** 2022-2023
  - o **Result:** Dropout
- **HSC**
  - o **Institution:** Omargani M.E.S. College, Chattogram
  - o **Duration:** 2019-2021
  - o **Result:** GPA 4.58
- **SSC**
  - o **Institution:** Bakolia Govt. High School, Chattogram
  - o **Duration:** 2017-2019
  - o **Result:** GPA 4.50

## Skills

- **Languages:** Golang, JavaScript, Node.js, PHP
- **Frameworks:** React.js, Next.js, Express.js
- **Frontend:** Tailwind CSS, ShadcnUI, Material-UI
- **Databases:** MongoDB, MySQL, SQLite
- **Technologies:** Appwrite, Pocketbase, Firebase, Docker
- **Tools:** Git, GitHub, VS Code, Postman

## Projects

- [URL Scraper](#)
  - o **Description:** A simple terminal based URL scraper that scrapes all the URLs from any given link.

- **Tech Stack:** Golang
- **Challenges:**
  - One of the first challenges I faced while building this project was to ignore the invalid or third-party URLs. I solved it by checking the response status code and the URL's host. If the response status code is not 200 or the URL's host is not the same as the given URL's host, I ignored it.
  - Another challenge was to not scrape the same URL twice. I solved it by using a map to store the scraped URLs. Before scraping a URL, I checked if it was already scraped or not.
  - The last challenge was to make the scraper concurrent. I solved it by using goroutines. I created different goroutines for each URL to scrape them concurrently. But as expected, I had to look at a race condition caused by the shared map. I solved it by using a mutex lock.
- **Future Plans:**
  - I'm planning to update the code to use a channel to communicate between the main goroutine and the scraper goroutines.
  - I'm also planning to give the app a web interface using React.js or Next.js.
- [Tasks](#)
  - **Description:** A classic Todo app, but with Go, for the command-line.
  - **Tech Stack:** Golang
  - **Challenges:**
    - The main challenge I faced while building this project was to store the tasks. I solved it by using a CSV file to store the tasks. I used the `encoding/csv` package to read and write the CSV file.
  - **Future Plans:**
    - I'm planning to give the app a web interface using React.js or Next.js.
    - I'm also planning to add a feature to set a reminder for a task.
- [URL Shortener](#)
  - **Description:** A simple URL shortener built with Go and MongoDB.
  - **Tech Stack:** Golang, MongoDB
  - **Challenges:**
    - The main challenge I faced while building this project was to generate a unique short URL for a given URL. Instead of generating a random identifier and checking if it already exists in the database, I used the mongoDB's `ObjectId` to generate a unique short URL, as I was using mongoDB as the database.

- **Future Plans:**
  - ☐ I'm planning to add a feature to set an expiration date for the short URL.
  - ☐ I'm also planning to add a feature to set a custom short URL.
- **Honest Feedback**
  - **Description:** A simple web app to get honest feedbacks anonymously.
  - **Tech Stack:** Next.js, Tailwind CSS, ShadcnUI, MongoDB, Vercel
  - **Future Plans:**
    - ☐ I'm planning to add a feature to reply to a feedback.
    - ☐ I'm also planning to add a feature to update/delete a feedback.

## Experience

- **2021-Present**
  - **Position:** Freelancer
  - **Description:** I have worked on various projects as a freelancer. I have built both frontend and backend of web apps, and APIs for my clients. Check my Fiverr in [https://www.fiverr.com/pratik\\_dev](https://www.fiverr.com/pratik_dev)
  - **Learnings:**
    - ☐ I have learned how to communicate with clients and unwrapping their requirements.
    - ☐ I have learned how to manage my time and work on multiple projects at the same time.
- **Oct, 2023 - Sep, 2024**
  - **Company:** [Bilsida](#)
  - **Position:** Full Stack Web Developer
  - **Description:** I worked as a full stack web developer at Swedish car marketplace startup named Bilsida. I built the frontend and backend of web apps, and APIs for the company.
  - **Responsibilities:**
    - ☐ Built the frontend and backend of the company web apps.
    - ☐ Built APIs for the company.
    - ☐ Worked with the team to build the product.
  - **Learnings:**
    - ☐ I learned how to work with a team remotely and how to manage the project.
    - ☐ I learned how to build a product from scratch.

- **Mainly worked with:** Next.js, TailwindCSS, ShadcnUI, Appwrite, Docker
- **Reason for Leaving:** The company was shut down due to some internal issues.
- **Reference:** Serhat Gungor, Co-Founder, Bilsida (mail: [serhatg27@hotmail.com](mailto:serhatg27@hotmail.com))
- **Sep, 2024 - Present**
  - **Company:** [Hello World Communications](#)
  - **Position:** Full Stack Web Developer
  - **Description:** I'm working as a full stack web developer at a digital marketing agency named Hello World Communications. I'm building the frontend and backend of web apps, and APIs for the company.
  - **Responsibilities:**
    - ☐ Building the frontend and backend of different projects for the company.
    - ☐ Handling the project's orchestration.
  - **Learnings:**
    - ☐ I have learned how to work with a team in an office environment, and still learning.
  - **Mainly working with:** Next.js, Golang, SQLite, MongoDB, Docker
  - **Reference:** Suvra Dev Kar, Head of IT, HWC (mail: [eng.suvra@gmail.com](mailto:eng.suvra@gmail.com))

## Additional Information

- **Languages:** English, Bengali
- **Hobbies:** Reading, Writing, Coding, Discussions
- **Interests:** Astronomy, Physics, Philosophy, Science, Movies, Psychology, Technology, History
- **Socials:** [GitHub](#), [Twitter/X](#), [LinkedIn](#)