



# Yashita Sharma

Full-Stack Developer, Keen Learner

Career objective : Being productive every day, either applying the skills I have or/and learning and upskilling.

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## POSITIONS OF WORK

**Software Developer** [07/2023 – 12/2024]

### Polyglots Software

Designing & coding web applications using ReactJS, Typescript, Golang, NextJS, Tanstack Forms and Query & Semantic UI

**Freelance Web Developer** [01/2023 – 06/2023]

### Self-employed

Designed & coded websites using HTML, CSS, Bootstrap, JavaScript, NodeJS, ExpressJS & ReactJS

**Subject Matter Expert** [02/2021 – 01/2023]

### National Programme on Technology Enhanced Learning (NPTEL)

Content creation & management (Created more than 650 academic end-to-end, video solutions for GATE previous year questions)

**Co-founder & Chief Executive Officer**

[10/2020 – 08/2021]

### BaoO e-Learning

Formed and managed a team of 14 content creators

**Freelance Tutor** [10/2020 – 06/2023]

### Self-employed

One to one & classroom coaching for Physics, Mathematics, Chemistry

**Prime Minister Research Fellow** [07/2019 – 09/2020]

### Indian Institute of Technology, Madras

Assistance in research - Research paper review & edit, teaching

## EDUCATION

**Mtech Offshore Technology** [07/2017 – 06/2019]

**Indian Institute of Technology Madras** CGPA : 9.16

Project - Blast loading propagation on hulls; their behavior and design compatibility

**BE Civil Engineering** [06/2011 – 05/2015]

**Sinhgad College of Engineering, Pune University** Distinction

Project - Structural design and analysis of cable supported one column building

## CO-CURRICULARS

**Outbound Trainer** [07/2018 – 02/2020]

### Indian Institute of Technology Madras

Conducting adventurous team building physical activities

**Placement Coordinator** [12/2018 – 05/2019]

### Indian Institute of Technology Madras

Reaching out to potential companies, managing the data & assisting them for recruitment rounds.

## LANGUAGES

English, Hindi, Marathi, Marwari, Gujarati

## HOBBIES AND INTERESTS

Reading (Non-fiction)

Kathak

Swimming

Yoga

Resistance Training

Coding

## SKILLS

FUNDAMENTAL LANGUAGES | **Java** **C** **JavaScript** **TypeScript**

BACKEND DEVELOPMENT | **NextJS** **NodeJS** **Express**

FRONTEND DEVELOPMENT | **ReactJS with Recoil** **NextJS** **jQuery**

**CSS** **Bootstrap** **Tailwind** **HTML**

DATABASES | **MongoDB** **PostgreSQL** **Prisma (ORM)**

DEPLOYMENT | **AWS** **Cloudflare** **Vercel**

MISCELLANEOUS | **GitHub** **Debugging** **Docker & Containers**

PROJECT MANAGEMENT | **Jira** **Scrum**

SOFT SKILLS | **Open-minded** **Problem Solver** **Clear thinker**

**Collaborator** **Structured communicator** **Decisive**

## Work Projects – Polyglots Software

### Key Technologies

#### UI for a travel booking Website

**TypeScript, ReactJS, NextJS, NodeJS, CSS, Semantic UI**

- Developed features like flight search and filters, User login, authentication and dashboard, while optimizing performance and enhancing workflows.
- Developed the flight trip summary, which includes traveler details, seat, meal and excess baggage options, discount coupons, GST, and travel insurance

#### Call Drive **TypeScript, ReactJS, Golang, Semantic UI, Tanstack forms & query, Styled Comp.**

- Call Drive is a platform for managing call campaigns and optimizing buyer-target interactions. I implemented forms for buyers, campaigns, and targets, handled CRUD operations using Golang and Tanstack Query.
- Created a routing plan component for managing targets. The UI was developed with React, Semantic UI, and styled-components.

## Personal Projects

### Key Technologies

#### **Blog Website - [Demo](#), [Live Website](#)**

**TypeScript, ReactJS, Postgres, Prisma**

- Developed a functional clone of Medium with signup, sign-in, and show all blogs and create a new blog routes.
- Used Prisma ORM with Cloudflare workers to manage serverless database requests.

#### **PayEasy - [Demo](#), [Live Website](#)**

**MERN**

- Engineered a transaction app with Signup, Sign in, Dashboard, and Money Transfer features, sending RESTful API requests via HTTP after ZOD schema validation.
- User data is stored in MongoDB, and transactions are made atomic using start, abort, and commit methods.

#### **Simon Game - [Demo](#), [Live Website](#)**

**jQuery, JavaScript, HTML, CSS**

- The user selected (incremental) sequence of colors is saved in an array and compared against an autogenerated random sequence.
- Maintains track of levels, start, game over and other click events
- Game is over when these two mismatches.

#### **Reusable React Table Component - [Demo](#), [Live](#)**

**Typescript, ReactJS, Tailwind**

- This is a generalized table component that can take any number of rows and columns as a Json input & display it systematically in tabulated form on a webpage as a React component.
- Sorting and pagination is also implemented.

## Design Projects

**WordPress, All Web Design Principles & Divi themes**

- JanSukh Technologies Site [Demo](#)
- Dhawal Banker Portfolio Site [Demo](#)
- Rudra Electro [Demo](#)
- Apex Digital [Demo](#)