

Saurabh Brar

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SKILLS

Languages: Golang, TypeScript, Elixir

Frameworks: Gorilla, Phoenix, Ecto, Node.js, Prisma, NestJS

Others: Docker, Kubernetes, Postgres, RabbitMQ, Elasticsearch, Redis

EXPERIENCE

Gamezop

Remote

Backend Engineer

March 2022 – Present

- Designed and developed a large-scale opinion trading platform using **Elixir** and **Golang** as a core developer
- Implemented PostgreSQL **sharding** and worked extensively with **RabbitMQ**
- Improved the **Elixir** development and production **CI/CD** pipeline by 5x through efficient artifact caching and optimized build modules
- Developed and maintained multiple **microservices** in **Golang**, **TypeScript** and **Elixir**

Letstream Ventures

Remote

Backend Intern

October 2020 – January 2021

- Worked on multiple **Django** projects developing RESTful API's using **DRF**
- Executed direct streaming uploads to **AWS S3** using **boto3**, resulting in reduced server bandwidth and memory usage
- Enhanced functionality by seamlessly integrating multiple features into existing projects

PROJECTS

CodeLive | *GitHub*

An online code editor developed in **Node.js** that allows multiple users to write code in realtime. Supports syntax highlighting and auto-completion for multiple languages with no limit on participants.

- Utilized real-time communication with **socket.io** using **WebSocket** protocol
- Formulated the back-end logic in **Express** and **MongoDB**
- Built the front end using **React** and **Redux** and used JWT for authentication

ProdAPI | *GitHub*

RESTful API boilerplate written in **Express** with **MongoDB**. Supports CRUD operations, authenticated and authorized endpoints, rate limiting, validation, and support for large file uploads.

- Used **Redis** for developing rate-limiting middleware
- Carried out authentication and authorization using **JWT** access and refresh tokens
- Added support for large file uploads using **Busboy** and Node.js streams

Ramayana.viz | *GitHub*

Inspired curiosity about the Ramayana through data visualization in **Python**, developed an easy to use interface for a summary of chapters in each Kanda.

- Scrapped more than 20000 Sanskrit shlokas in Ramayana using **BeautifulSoup4**
- Carried out data visualization and analysis using **Matplotlib**
- Developed a website with back-end in **Django** to present the data in an elegant way

EDUCATION

Shivaji College, University Of Delhi

New Delhi

Bachelor of Science in Mathematics — CGPA: 8.6

2019 – 2022

School

Bathinda, Punjab

Class 12th CBSE — 90.5%

2019

School

Noida, Uttar Pradesh

Class 10th CBSE — CGPA: 9.0

2017