

Yash Poonia

+91-6396787102 | yash.7xm@gmail.com | [LinkedIn](#) | [GitHub](#) | [Twitter](#) | [LeetCode](#)

SKILLS

Languages: Go, Java, JavaScript, TypeScript, C/C++, Python

Frontend: React, Redux, HTML, CSS, Tailwind CSS, EJS, MUI

Backend: Go, Node.js, Express.js, Load Balancers, API Gateway, Distributed Systems, Scaling, WebSockets

Databases: MongoDB, MySQL, Redis

DevOps & Infrastructure: Linux, Git, GitHub, AWS, Docker, Kafka, RabbitMQ, Nginx

EXPERIENCE

Full Stack Developer Intern

Dec 2023 – May 2024

Web Wizards

Noida, India

- Pioneered the development of a cost-effective **visitor sign-in system**, **slashing monthly operational costs by 99.7%** from \$6,000 to just \$59, through innovative data extraction techniques.
- Collaborated with senior developers on frontend and backend integration, **boosting SignInLink's performance and enhancing user experience by 30%**.
- Engineered an intuitive seating map generator, **accelerating the creation of complex venue layouts by 20%** compared to traditional methods.
- Implemented advanced features including object manipulation (zoom, move, rotate), shape creation, ticket type assignment, and seamless integration with multiple **APIs** for real-time map updates and ticketing.

PROJECTS

Scalable Distributed Key-Value Store | *Golang, RESP, Distributed Systems*

[GitHub](#)

- Developed a **high-performance, distributed key-value store in Golang**, adhering to the official RESP protocol.
- Implemented scalability through **read replicas**, enhancing system performance and reliability under heavy loads.

Vyzon: Programming Language | *Interpreter, Compiler, Tokenizer, Parser, JavaScript, React*

[GitHub](#), | [Live](#)

- Designed and implemented a custom **polyparadigm programming language** named Vyzon, supporting functionalities like **control flow statements (if-else)**, **variables**, **functions**, and **loops**.
- Developed a robust **interpreter, tokenizer, and parser** for seamless code execution and language comprehension.
- Crafted a **user-friendly syntax** adhering to industry best practices.

Flight Booking System | *MERN, MySQL, Sequelize, RabbitMQ, Microservices, SQL Transactions, Docker*

[GitHub](#)

- Designed and implemented a **microservice** architecture for a flight booking system.
- Integrated **SQL transactions**, **cron jobs**, and **message queues** for robust functionality and automation.
- Secured the system with **JWT authentication**, **idempotency keys**, **payment setup**, and **role-based authorization** for secure access control.
- Containerized and deployed the application on **AWS** with auto-scaling for high availability and performance optimization.

ACHIEVEMENTS

Online Coding Contests

LeetCode and Codeforces

- Achieved **1788** rating on LeetCode and **1142** on Codeforces.
- Ranked **235th globally** in LeetCode Biweekly Contest 133.

EDUCATION

Meerut Institute of Engineering and Technology

Bachelor of Technology in Computer Science - (7.5 GPA)

U.P., Meerut, India

Aug 2021 – June 2025

Vardhman Academy

Intermediate and High School - (90.8% & 93.4%)

U.P., Meerut, India

Mar 2018 & Mar 2020