

OM SHIRKE

Software Engineer

Pune, Maharashtra • [Github](#) • [Linkedin](#) • omshirke74@gmail.com • +91 8421619593

TECHNICAL SKILLS

- **Programming Languages:** Golang, C/C++, Javascript, Python, Java
- **Web Technologies:** Nodejs, Expressjs, Reactjs, HTML, CSS, RESTful APIs, GraphQL, GRPC
- **Databases:** MongoDB, PostgreSQL, Elasticsearch, Amazon DynamoDB, Amazon RDS
- **Tools and platforms:** Git, GitHub, Docker, Kubernetes, AWS, PowerBI, VsCode

PROJECTS

GRPC-MICROSERVICES

2024

ACCOUNT [[Github Repository](#)] || CATALOG [[Github Repository](#)] || ORDER [[Github Repository](#)]

- **Technology Stack:** Golang | gRPC | GraphQL | PostgreSQL | Elasticsearch | Docker
- Developed a microservice-based architecture using Golang and gRPC to build and integrate Account, Catalog, and Order services, ensuring high scalability and efficient communication across services.
- Implemented GraphQL for flexible and optimized data querying between services, enhancing performance and reducing the need for multiple API calls.
- Utilized PostgreSQL for account management and Elasticsearch for the catalog service, with Docker containers for seamless deployment and orchestration.

WECHATIN

2023

A Chatting application [[Github Repository](#)]

- **Technology Stack:** Nodejs | Reactjs | Expressjs | MongoDB | Socket.io | HTML | CSS
- A web application to facilitate real-time communication between users. Features include user registration with automatic avatar assignment.
- Real-time messaging through Socket.io, and an interactive user interface created with React.js.

CASHCADDY

2024

An Expense tracker [[Github Repository](#)]

- **Technology Stack:** Nodejs | Reactjs | Expressjs | MongoDB | HTML | CSS
- Designed a user-friendly interface for managing personal finances with features to add, edit, and delete expenses.
- Integrated RESTful API for seamless data management and efficient server-client communication.
- Categorized transactions and visualized spending through dynamic charts and graphs.

EDUCATION

- **Bachelors of Engineering** 2021 – 2025
Savitribai Phule Pune University, Pune
- **HSC with 86.17 %** 2021
Pace junior science college, Nerul

ADDITIONAL INFORMATION

- **Certifications:** Introduction to Golang, Introduction to C++, Dev Clash Hackathon, Orion Hackathon.
- Solved over 300 DSA problems and participated in several Leetcode contests.
- **Events:** Performed a seminar on Git and Github || Organized sports events in kurukshetra college festival
- **Interests:** Trading, Chess, Sports, Building projects.