

ABHINAV PORWAL

Indore, MP | 102abhinavporwal@gmail.com | +91 7470687922 | LinkedIn | GitHub | Leetcode

SKILLS

Programming Languages: Golang, C++, SQL, JavaScript

Frameworks and Libraries: Gin, React.js, REST APIs

Databases and Tools: MongoDB, Git, GitHub

Concepts and Methodologies: Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Database Management Systems (DBMS), Authentication and Authorization, API Design

EDUCATION

VIT Bhopal University (India). B. Tech- CSE (Core) CGPA - 8.56

Aug 2022 - Present

PROJECTS

SmartDine

[Link](#)

Tech Stack: Golang, Gin, MongoDB, JWT

- Engineered and deployed a high-performance RESTful API using Go(Gin framework) and MongoDB that efficiently handled over 5,000 concurrent users with zero downtime.
- Designed an automated invoice generation system that reduced billing processing time by 20%, directly improving financial workflow efficiency and reducing manual effort for the finance team.
- Developed a robust user authentication system utilizing JWT and secure password hashing, resulting in a 3% improvement in user login success rates and minimized authentication-related support tickets.

GO-React Fullstack Chat

[Link](#)

Tech Stack: Golang, Gin, Gorilla WebSocket, React.js, JavaScript, SCSS, REST API

- Architected a full-stack chat application with a high-performance Go backend, building secure RESTful APIs with the Gin framework for user authentication and message handling.
- Engineered a low-latency, bi-directional messaging system using Gorilla WebSocket, creating a connection pool to efficiently manage numerous concurrent user sessions.
- Developed a dynamic and responsive single-page application (SPA) frontend using React, managing component state to deliver a fluid and intuitive real-time user experience.

E-Commerce API

[Link](#)

Tech Stack: Golang, Gin, MongoDB, JWT

- Developed a fault-tolerant microservices-based RESTful API that consistently processed 800+ RPS (Requests Per Second) while maintaining 99.9% uptime, significantly improving site reliability and user experience.
- Built secure, reusable modules for JWT authentication, product catalog management, shopping cart functionality, and order processing flow.
- Led a major code refactoring initiative that reduced code complexity by 25% and cut average bug resolution time by 15+ hours per sprint, dramatically improving code maintainability and team velocity.

CERTIFICATION

SmartBridge - Full Stack Developer MERN

[View Credentials](#)

IBM - DevOps Fundamentals

[View Credentials](#)

ACHIEVEMENTS AND PARTICIPATION

Unstop Hackathon Participant: Collaborated in a time-constrained team to develop a full-stack Task Tracker application from concept to deployment

Open Source Contributor: Actively contributed to open source projects, collaborating with global developers to improve codebases, fix bugs, and implement new features.