



# CHINMAY DONARKAR

## Senior Software Engineer

📞 +91-7447554066 @ chinmaydonarkar@gmail.com

🌐 <https://github.com/chinmaydonarkar> 📍 Noida, India

## PROJECTS

### Korr

03/2024 - Present Alaska, US

Korr deals with health care insurance.

- Implementing rate limiting effectively safeguarded our APIs from brute force attacks, ensuring that malicious actors couldn't repeatedly attempt to gain unauthorized access.
- Proactive protection against DDOS attacks minimized system downtime, ensuring continuous availability of services to our users without interruptions.

### Truvian

01/2023 - 03/2024  
San Diego, California, US

Truvian is a pharmaceutical company that deals with blood samples from donors, performing analyses and providing results to end users.

- Created APIs using Node.js and Express.js.
- Used Sequelize ORM for query manipulation and core SQL queries for handling complex logic.
- Implemented RabbitMQ for smooth data flow.
- Employed React components to create modular and reusable UI elements.

### Konfer.AI

02/2022 - 01/2023 California, US

Konfer.AI is an AI asset management application that helps track the apps, models, and datasets required for AI applications.

- Created GraphQL queries to interact with the database.
- Wrote functions and triggers in PostgreSQL.
- Applied CRON jobs and implemented socket programming.
- Used Prisma for manipulating SQL queries.
- Employed virtualization and lazy loading to efficiently render large datasets and minimize initial loading times.

## SUMMARY

As a Full Stack Developer with over 3+ years of experience, I specialize in Node.js, React.js, Express.js, React, MS-SQL, PostgreSQL, MongoDB, Git, Docker, and Azure. My passion for programming is fueled by an innate aptitude for problem-solving and a talent for crafting concise code. Over the past three years, I have successfully transformed intricate problems into achievable solutions. My expertise ranges from developing scalable APIs and functional components with reusability to optimizing database queries and ensuring data integrity.

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer

03/2024 - Present

#### CHCS Services

Noida, India

CHCS Services deals with health care insurance and financial services.

- Implemented Rate limiting techniques on the APIs to limit the hits to the endpoint and hence protected the routes from brute force attacks.
- Developed and integrated CAPTCHA systems to prevent Distributed Denial of Service (DDOS) attacks, enhancing the security and reliability of our services.
- Utilized Elasticsearch to enable efficient and scalable search capabilities within our platforms, ensuring quick and accurate data retrieval for our users.
- Implemented Redis Cache to improve the speed and performance of our applications by reducing the load on our databases and ensuring faster data access.
- Develop and maintain Kibana Dashboards for real-time monitoring and visualization of system metrics, enabling data-driven decision-making and proactive issue resolution.
- Worked on microservice architecture to enhance the scalability, maintainability, and resilience of the platform, ensuring seamless integration and efficient processing of various insurance operations.

### Software Engineer

02/2021 - 03/2024

#### Konverge AI

Nagpur, India

A data science firm focused on empowering businesses with artificial intelligence capabilities. It provide end-to-end service to our customers so they can build cutting-edge products and services by leveraging the power of artificial intelligence and machine learning (AI-ML).

- The projects involved creating and enhancing full-stack applications with superior performance using Node.js, React.js, and Express.js. These applications effectively managed a large number of simultaneous requests. Server response times were optimized through the implementation of asynchronous programming methodologies.
- I have competently overseen a range of databases, namely MongoDB, PostgreSQL, and MSSQL Server. I have successfully executed effective data modeling, indexing techniques, and query optimization, leading to enhanced application speed and responsiveness for both relational and non-relational databases.
- I am familiar with React Hooks and functional components, enabling me to create modular and maintainable code. Overall, my React expertise extends to crafting engaging and seamless user experiences.
- Demonstrated proficiency in managing state and props to maintain a consistent application state. Utilized state management libraries such as Redux to efficiently manage complex application states.
- Successfully integrated applications with RESTful APIs, ensuring seamless communication between the frontend and backend. Applied React Hooks to manage state and side effects in functional components, enhancing code readability and maintainability.
- I have developed real-time features using technologies such as websockets, consistently adhering to best practices to achieve low latency in production. I am adept at delivering high-quality software solutions within specified deadlines.
- Leveraged Postman to design and test APIs, ensuring their correctness and reliability. Documented APIs comprehensively with Swagger API.

## SKILLS

### Server-side

NodeJS · Express.js · MongoDB · Azure ·  
RabbitMQ · Postgres · MS-SQL Server ·  
WebSockets · Swagger · Redis ·  
Prisma ORM

### Client-Side

React · HTML · JS · Tailwind CSS

## KEY ACHIEVEMENTS

### SQL(Intermediate)

<https://www.hackerrank.com/certificates/c89669cca1da>

### Node.js

<https://www.hackerrank.com/certificates/d7e8a610cdcf>

## PROFESSIONAL EXPERIENCE

### Software Development Intern

02/2020 - 08/2020

#### Mastersoft ERP Solutions

Nagpur, India

MasterSoft has been providing best-in-class e-Governance solutions to Educational Institutions across India. It provides a one-stop solution for campuses, which includes various modules such as Admissions, Academic & Examinations, Finance, Establishment & HR, Library, Hostel, RFID Attendance, RFID Library.

- Developed a comprehensive library management system using C .NET framework and SQL Server.
- Designed and implemented a user-friendly interface for library staff using HTML and CSS3.
- Implemented database functionality to store and retrieve book information, member details, and transaction history.
- Integrated search functionality to allow users to easily find and locate books within the library. Collaborated with team to achieve the client requirement.
- Implemented coding standards, design patterns, and coding conventions to ensure clean, maintainable, and modular codebases, leading to easier debugging and future scalability.

## EDUCATION

### Master of Computer Applications - MCA,

06/2018 - 09/2020

#### Shri Ramdeobaba College of Engineering and Management

Nagpur, India

GPA | 8.1 / 10.0

### B.Sc, Mathematics; Physics; Computer Science

06/2014 - 06/2017

#### Government institute of Science

Nagpur, India

GPA | 6.1 / 10.0

### Higher Secondary School Certificate, (HSSC)

06/2012 - 06/2014

#### Somalwar Nikalas Jr.College

Nagpur, India

GPA | 6.9 / 10.0

### Secondary School Certificate (SSC)

06/2010 - 06/2012

#### Prahar Military School

Nagpur, India

GPA | 8.7 / 10.0