

## CAREER HIGHLIGHTS

- 4+ years of experience in building full stack applications using **MERN**, ensuring end-to-end ownership.
- Experience working with **GenAI Solutions**.
- Contributed to high impact projects for **Fortune 500** clients including Apple, Walmart, P&G while **delivering high-quality code**.
- Proven ability to lead teams, drive product features and deliver business value within deadlines.

## PROFESSIONAL EXPERIENCE

### INFOSYS | SPECIALIST PROGRAMMER | Aug 2021 – Present

- Led team of 5 to develop and build new feature - Bracket Challenge.
- Used best practices of React like **Pagination, memorization, semantic HTML** to build **Text Based Gen AI Commentary** feature.
- Increased **Web performance** of the **NextJS** by inhibiting **Tree Shaking, Bundle Size Optimization, Server Side Rendering and Lazy Loading** technique increasing the lighthouse ratings from **65% to 78%**.
- **Optimized database queries and indexing**, reducing response times by 30%.
- Designed **RESTful APIs and microservices**, enabling seamless communication between modernized and legacy systems.
- Implemented **Replication and Sharding** to optimize **request response time** by **23%**.
- Implemented **CI/CD pipelines** on GitHub, automating deployments resulting in efficiency of manual efforts.
- Enhanced system stability and performance by **identifying and resolving bottlenecks**, resulting in a **57% improvement** in application reliability.

## PERSONAL PROJECTS

### PROMPTDB | NEXTJS + GEMINI AI STUDIO

(LIVE)

- Built an **AI Powered Application** that answers questions about **SQL/NOSQL Databases**.
- Application uses **NLP** and generate accurate answers to user's questions.
- Leveraged **prompt engineering** powered by **Gemini 2.5 Flash** from **Google Gemini Studio**.

### ROI MONK | NEXTJS

(LIVE)

- **Responsive application** to keep a track of investments and returns on investments.
- User can create **multiple portfolios** and add **multiple transactions** of both credit and debit type to the portfolio.
- User can configure preferred currency which is made available across the app using **Context API**.
- Created a comprehensive **dashboard** to display **reports using graphs** for clear and insightful data visualization.
- User can also see **ROI of individual portfolio**, on portfolio page.

### TREKLICIOUS | MERN

(LIVE)

- **Full-Stack** application built for trek lovers, providing personalized **trek recommendations** based on user preferences.
- Used **JWT** for authentication, **react-router** for navigation, **tanstack query** for querying apis.
- User can **sign up, log in, add/remove treks** in his favorites list, **edit** his profile.

### RATVENTURE | EXPRESS + REACT

(LIVE)

- Visualization of **Rat in a Maze** problem.

## SKILLS

- **Frontend:** HTML, CSS, Javascript ES6+, Typescript, React, NextJS, Tailwind CSS, React Router, Tanstack Query, Redux, Zustand
- **Backend:** Node.js, Express.js, RESTful APIs, AWS Deployment EC2, Lambda, API Gateway, S3, Git, Github Actions

## EDUCATION

Qualification	College/School	Year of Passing
B. Tech	National Institute of Technology, Patna	2021
XII	Millennium Public School, Meerut	2017

## Achievements

- Led a team of 4 in Make-a-thon 16, Infosys's most prestigious hackathon event, and advanced to the finals.