

ROHAN PRASAD GUPTA


SOFTWARE DEVELOPER

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 @GitHub

 @LinkedIn

 Rangsit, Thailand

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 [Portfolio](#)

PROFILE INFO

Software Developer with expertise in full-stack web application development, specializing in Next.js, React, TypeScript, Node.js, and MongoDB. Experienced in building scalable, responsive, real-time applications using RESTful and GraphQL APIs. Skilled in Agile development methodologies and CI/CD practices. Holds a Master's degree in AI and IoT with a passion for integrating machine learning and data analytics into impactful software solutions.

EDUCATION

2022 - 2024

SIRINDHORN INTERNATIONAL
INSTITUTE OF TECHNOLOGY
(SIIT), THAMMASAT UNIVERSITY

- Master's Degree in Artificial Intelligence and Internet of Things (AI and IoT)
- Awarded fully funded TISR scholarship in partnership with SIIT, TU, NSDTA, and Tokyo Tech.

2016 - 2020

GURU NANAK INSTITUTE OF
TECHNICAL CAMPUS (GNITC),
JNTUH

- Bachelor of Technology in Computer Science Engineering

LANGUAGES

- English (Fluent)
- Nepali (Fluent)
- Hindi (Fluent)

WORK EXPERIENCE

RV Connex Co., Ltd. [Cynclair], Thailand

JUN 2024 - PRESENT

Software Developer

- Developed scalable responsive web applications using Next.js, React, and TypeScript.
- Integrated GraphQL APIs for efficient data fetching, caching, and state management using React Query.
- Improved frontend performance and responsiveness across devices following responsive design principles.
- Applied modern JavaScript/TypeScript development best practices and UI/UX improvements.
- Collaborated in Agile teams, delivering features with high quality and on schedule.

Mercantile Office System Pvt. Ltd., Nepal

JAN 2022 - JUL 2022

Software Program Trainee

- Implemented CI/CD pipelines automating software integration, testing, and deployment, reducing release cycle time by 20%.
- Managed secure data storage, backup, and recovery aligned with Agile methodology.
- Carried out thorough testing and debugging to meet client requirements.
- Facilitated effective communication among clients and development teams to ensure project success.

Online Saathi Pvt. Ltd., Nepal

FEB 2021 - MAY 2021

Intern Web Developer

- Converted UI/UX designs into pixel-perfect websites using HTML and CSS.
- Collaborated with cross-functional teams to ensure timely delivery of projects.

Leapfrog Technology Inc., Nepal

SEP 2021 - NOV 2021

Microsoft Power Platform Trainee

- Converted UI/UX designs into pixel-perfect websites using HTML and CSS.
- Collaborated with cross-functional teams to ensure timely delivery of projects.

PROJECTS

Freelance Project - Real-Time Restaurant Management System

[@GitHub](#)[@View-Project](#)

- Designed and developed a full-stack real-time restaurant management platform for a client using Next.js, React, Node.js, Express, and MongoDB, streamlining coordination between customers, staff, and admins.
- Implemented real-time order processing and notifications with Socket.IO, reducing delays and improving communication efficiency across kitchen, staff, and management.
- Built dynamic menu management (CRUD operations, availability toggles, category filters, quantity updates), improving operational accuracy and customer experience.
- Delivered an interactive analytics dashboard with React Query, Material UI, and Chart.js/ High charts, providing insights into revenue trends, payment breakdowns, and order volume across multiple time ranges.
- Engineered secure authentication and role-based access control (RBAC) with JWT tokens and HTTP-only cookies, safeguarding workflows for admins, staff, and customers.
- Enhanced UI/UX performance with React Query caching, responsive Material UI design, dark/light theming, and mobile-first layouts, resulting in faster, more accessible navigation.
- Improved state management and multi-device synchronization using Redux Toolkit and modular architecture.
- Integrated payment method tracking (cash vs online) for accurate financial reporting and transparency.
- Applied best practices in API design, validation, and modular architecture, ensuring scalability and maintainability.
- Delivered a scalable, role-aware, event-driven system that improved operational efficiency, data visibility for admins, and ordering speed for customers.

E-Commerce Platform: Full-Stack Web Application [THE CART]

[@GitHub](#)[@View-Project](#)

- Developed a full-stack e-commerce platform using Next.js, Redux, and MongoDB, ensuring seamless user experience and performance.
- Implemented dynamic product search and advanced filtering by category, price range, and ratings for an optimized shopping experience.
- Integrated RESTful APIs with JWT-based authentication, providing secure user login and real-time cart synchronization.
- Used TanStack Query (React Query) for efficient data fetching, caching, and state management across the application.
- Designed a responsive UI with Material UI & Tailwind CSS, enhancing usability across multiple devices.
- Added interactive animations with Framer Motion, improving the overall user experience.
- Deployed the frontend on Netlify and backend on Render, ensuring smooth hosting and performance.

B.Pizza Co. - Pizza ordering website (Frontend, React-js , redux, tailwind)

[@GitHub](#)[@View-Project](#)

- Developed a responsive B.Pizza Co. ordering website using modern web technologies such as JavaScript, React.js, react-router and Redux.
- Designed and implemented a visually appealing user interface using Tailwind CSS, focusing on responsive and mobile-first design principles.
- Integrated Redux for centralized state management, allowing for efficient data flow and easy scalability of the application.
- Implemented various features to enhance the user experience, including:
 - Customizable pizza selection with options for number of choices, priority order.
 - Order tracking to view the status of their orders.
- Conducted thorough testing and debugging to identify and resolve issues.
- Ensuring the website's reliability and stability across different browsers and devices.

Face Recognition Attendance System

[@GitHub](#)

- The system captures live video from a camera, detects faces, compares them to a database of known faces, and marks the attendance of recognized students.
- The attendance data is stored in a Firebase Realtime Database, and students' profile pictures are stored in Firebase Storage.
- Used Python Programming, OpenCV, Media Pipe for the development of project.

SKILLS

- Programming Languages: Python, JavaScript (ES6+), TypeScript, SQL, C#, C, Basic Java
- Frameworks/Libraries: Node.js, Express.js, React.js, Next.js, Redux, Bootstrap, Tailwind CSS, Material UI
- Databases: MongoDB, SQL, NoSQL
- Tools: Git, CI/CD pipelines, Microsoft 365, Power BI, Tableau, Adobe Photoshop & XD
- Concepts: RESTful APIs, GraphQL, JWT Authentication, Web Sockets, Real-Time Data, Data Structures & Algorithms, Data Analytics & Visualization

CERTIFICATIONS

- Google / Data Analytics Professional Certificate [12/2022]
- Completed Google Career Certificate Training.
- Experience in data cleaning, data visualization, understanding of database, interpreting, and communicating data analytics findings.
- Certificate of Participation in Codegoda 2023.
- Application of AI, Machine Vision, and Robotics [07/2021 - 08/2021]