PRATIK ROUT

Phagwara, Punjab | routprateek4@gmail.com | +91 7846902017

Linkedin | Github | Leetcode | Hackerrank

Skills

- **Programming Languages** - Javascript | Java | Typescript | Go | Python
- **Frontend** - HTML | CSS | Tailwind CSS | React | Redux Toolkit | React Router | TanStack Query | Styled-components | React Hook Form | Axios
- **Backend** - Node.js | Express js | Mongoose | JWT | Bcrypt | Supabase
- **Databases** - MongoDB | PostgreSQL
- **Tools** - Git | Github | Postman API | pgAdmin 4
- **Relevant courses** - Data Structures And Algorithms | DBMS | Operating Systems | OOPS

Projects

- **Sparks - A Blog App** (Full-stack)   View in Github
  - Developed a **MERN** stack application that seamlessly allows users to create blogs, view other's Blogs, update blogs and delete blogs using **mongoDB** and **mongoose ODM**.
  - Implemented password hashing on registration with Bcrypt library and implemented session management and authorization with **JWT**
  - Designed the UI with **React** and **vanilla CSS**
  - Implemented routing with **React Router** and state management with **Context API**
  - **Tech used -** Javascript, React, Context API, React Router, Node.js, Mongoose

- **Fast Pizza Co** (Frontend)   View in Github
  - A pizza delivery app that seamlessly allows users to choose their favorite pizza and order on go through a third party API.
  - **Tech used -** Javascript, React, Redux Toolkit, React Router v6, Tailwind CSS

- **Quizzo** (Frontend and DSA)   View in Github
  - Built an interactive quiz platform using React and TypeScript, emphasizing efficient data handling and dynamic UI components.
  - Leveraged a **HashMap** for quick lookup of quiz questions and answers, ensuring optimal performance during user interactions.
  - Implemented a **Priority Queue** to rank users on leaderboard
  - Used a **Binary Search Tree (BST)** to generate dynamic difficulty level questions for users
  - **Tech used -** Typescript, React, React Router, DSA(HashMap, PriorityQueue, BST)

Achievements and Certifications

- **Leetcode** - 500+ questions, 4 consistency badges   Leetcode
- **Hackerrank** - 4 stars Java, 3 stars Python,
- **Hackerrank** - Certifications in Python, Problem Solving, Javascript, React   Hackerrank

Education

- **Bachelor of Technology (Computer Science and Engineering) CGPA - 8.18**   **2022 - 2026**
  Lovely Professional University
- **Standard XII (CBSE) Percentage - 95%**   **2020 - 2022**
  ODM Public School, Bhubaneswar, Odisha, India
- **Standard X (CBSE) Percentage - 93.2%**   **2020**
  D.A.V. Public School, Jharsuguda, Odisha, India