

Mayankkumar Patel

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SKILLS

- React JS, Javascript, Node JS, Express JS, Next JS, Typescript, HTML5, CSS3, Bootstrap, Material UI
- MySQL, PostgreSQL, MongoDB, MongoDB Cloud Atlas, MySQL Workbench, GIT, Linux, PHP, C, C++

WORK EXPERIENCE

Rapidops: *Junior Software Engineer*

[01/2024 – 06/2025]

- Built the “Collections” module in Experro from scratch**, enabling merchants to spin-up seasonal campaigns that surface at the top of search results—driving up to **20 % higher promotional-period revenue** for clients.
- Created a real-time Search Preview** that shows products by facets, merchandising rules, and AI-powered relevance, giving merchandisers instant feedback and shortening iteration cycles.
- Refactored dashboard functionality** and **implemented resizable table columns** with persistent user preferences, enhancing flexibility across both frontend and backend layers.
- Delivered **full-stack features with React, Node, TypeScript, react-query, and react-i18next**, while enforcing clean Git branching strategies that cut merge conflicts and kept every release on schedule.

Flits: *Summer Intern*

[07/2023 – 08/2023]

- Enhanced PHP skills and learned Laravel** by developing a Master Admin Portal with secure authentication and role-based access control, ensuring strong data protection and privacy compliance

PROJECTS

Rapid Page Builder

- Developed a Rapid Page Builder featuring dynamic page creation, custom URLs, automated publishing with cron scheduling, and user notifications, improving content management efficiency.
- Tech stack: React, Bootstrap, Node, Express, Mongoose, MongoDB Atlas.

Arena Battles

- Built a gaming platform called Arena Battles where users can play interactive web games, including Falling Sand (a creative sandbox game) and Battle Ship (a strategic multiplayer guessing game).
- Implemented real-time multiplayer gameplay for Battle Ship using WebSockets, along with a play-against-bot mode to ensure engagement even without a second player
- Built using React, CSS3, Node, WebSocket, and MongoDB for real-time, responsive gameplay.

URL: <https://arena-battles.netlify.app/>

National Cadet Corps Website

- Designed and developed a comprehensive cadet management platform enabling ANO event creation, participation tracking, and detailed cadet record management, resulting in a 50% reduction in user complaints and significantly improved user satisfaction ratings.
- Built using HTML5, CSS3, JavaScript, Bootstrap for frontend development and PHP with MySQL for backend database management and server-side functionality.

URL: <https://vgecg.ac.in/NCC/>

EDUCATION

Vishwakarma Government Engineering College || Ahmedabad, Gujarat

[08/2020 – 05/2024]

B.E – Information Technology - **8.78 CGPA**

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Mobile App Development, Software Engineering, Object-Oriented Programming