

Ajay Prakash Mishra

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TECHNICAL SKILLS

Frontend: HTML/CSS, Tailwind, JavaScript, Typescript, React.js, Next.js

Backend: Node.js, Express.js, Next.js, Nginx

DevOps: GitHub Actions, Docker, AWS

Database Management: MongoDB, Postgres, Redis

EXPERIENCE

Software Engineer

100devs

May 2023 - Present

Los Angeles, CA (Remote)

- Collaborated with a team of developers to build modern and responsive web applications using best practices.
- Built semantically structured full stack web applications using HTML, CSS, JavaScript, and other programming languages.
- Developed React applications using Redux state management and RESTful APIs.
- Applied agile methodologies like SCRUM for project management.
- Built RESTful APIs that interacted with front-end applications using Node.js and Express framework technologies.

PROJECTS

Kata Vault 🗄️ | Node.js, Puppeteer, Redis, Github Actions

July 2024 - August 2024

- Developed a web scraper with Node.js and puppeteer to retrieve and organize completed Codewars katas in a local folder, categorized by problem and language.
- Implemented asynchronous HTTP requests and file operations, caching reducing processing time by approximately 60% .
- Implemented an exponential back-off strategy to handle API rate limits and prevent program crashes.
- Leveraged GitHub Actions for automating the scraping process, ensuring regular updates and seamless integration with the GitHub repository for continuous logging of solved CodeWars katas.
- Enabled users to create and manage playlists, track watch history, and seamlessly share videos.

Social Hub 🗣️ | HTML, CSS, React, Redux, Web Sockets, Express, MongoDB

February 2024 - March 2024

- Developed a fully functional social media application, demonstrating proficiency in front-end and back-end development, database management, and user experience design.
- I utilized React Router for seamless navigation, ensuring a smooth user experience. React Query for managing server state which not only simplified data fetching, caching, and synchronization but also significantly cut down on boilerplate code.
- Implemented secure user authentication and authorization.
- Developed a robust profile management system allowing users to edit their profiles with ease.
- Engineered a robust follow/unfollow feature.
- Enabled users to create and delete posts and media upload capabilities.
- Implemented like, comment and bookmark functionalities to facilitate user engagement.
- Enhanced user engagement by introducing and optimizing like, comment, bookmark and live chat functionalities.

Shop.co 🛒 | HTML, Tailwind, Javascript, React, Redux, Express, MongoDB

February 2024 - March 2024

- Developed a user-friendly e-commerce app with handy features like easy product search, secure payments, and customer reviews.
- Implemented secure user authentication and authorization.
- Made it simple for users to find what they need with filters like category, discounts, and ratings, plus sorting options.
- Integrated Stripe for safe and hassle-free transactions when customers make purchases.
- Allowed users to save items for later and share their thoughts on products they've bought.

EDUCATION

Government Polytechnic Ghatampur

Diploma in Mechanical Engineering (Production)

Kanpur, India

October 2021 – August 2024