

# Vivek Kumar

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## Technical Skills

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- **Languages:** C, C++, JavaScript, HTML, CSS, SQL.
- **Frontend:** ReactJS, Tailwind, React Redux, Axios, Redux Toolkit(createAsyncThunk), RTK Query Tanstack Query/React query, Webpack, Babel, ESLint, React Router, Bootstrap, MaterialUI, React-icons.
- **Backend:** NodeJS, ExpressJS, Mongoose ODM, RESTful APIs, MVC Architecture, Postman(API testing), VPS, Ubuntu 22.04(jammy), NGINX(frontend web-server), PM2(backend process-management), Domain Configurations, SSL Certificate(Let's Encrypt).
- **Database:** MongoDB, PostgreSQL, Firebase.
- **Others:** Git/GitHub(Version Control), Docker, Data Structures & Algorithms, WebSocket/Socket.io, OOPs, DBMS, Stripe, Cloudinary, Nodemailer, NextJS framework(ssr, app-router, file-based routing, better seo).

## Projects

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### Bondify(Social-Media App) – (MERN stack)

[Live Link](#) | [GitHub](#)

- Users can create a **post**(React-Quill editor), **edit & delete** their post, **comment** on posts, **like/dislike** posts, **follow/unfollow** users, Profile page to see your progress. Used **tailwind css**, **formik** for form handling.
- Applied **MVC architecture** to the app for scalability and code structure improvement.
- Implemented **api-data caching**, **mutations**, **synchronization** with backend, **revalidating/refetching**.
- Authentication with **passportjs**, **JWT**, HTTPOnly cookie, password hashing with **bcryptjs**(SHA-256) and Login/Signup with **Google(OAuth 2.0)**.
- Added **Admin Panel** – admins can block/unblock other users, create plan, create category.
- Integrated **Stripe** for payment, **Cloudinary** for media storage(**multer**), **Nodemailer** for mailing users

### Jobify App – (MERN stack)

[Live Link](#) | [GitHub](#)

- Users can **create** new job posting, **edit** and **delete** it, see jobs posted by other | used **express-validator** for validating user inputs | Integrated **dark/light mode**.
- Authentication with **JWT**, **HTTPOnly cookie**, password hashing with **bcryptjs**(SHA-256).
- Applied **MVC architecture** to the app for scalability and code structure improvement.
- Used **RTK query** for api calling, **data-caching**, **mutations**, **revalidating/refetching**.
- Dashboard page to see your stats, profile, edit profile, bar-graph representation.
- Added **Admin Panel** – admins can watch the number of users and job posting.
- Used **Cloudinary** for media storage like post image and user profile photo | **multer** for handling img files.

### ProShop e-commerce app

[Live Link](#) | [GitHub](#)

- Created a two-party ecommerce platform with admin and users | used **Bootstrap css/components**.
- Used **MVC** architecture and **RTK query** for api-calling, **data-caching**, **mutations**, **revalidating/refetching**.
- Users can create account, make orders, edit their profile, view their order status.
- Users can add products to their cart(**Add to cart**), search form to search from products.
- Added **Admin Panel** – admins can **block/unblock/delete/edit users**, **add new products**, edit products, view all orders and mark them as **pending/shipped/delivered**.

### Other Projects: Portfolio-Website([Live Link](#) | [GitHub](#)) Todo App([Live Link](#) | [GitHub](#))

Currency Converter([Live Link](#) | [GitHub](#)) Tic-Tac-Toe([Live Link](#) | [GitHub](#))

\*Note- All the above projects/apps are hosted on my **VPS** with proper **domain** configurations and **SSL** certificate.

## Certifications

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Certified ReactJS Developer | Udemy | Instructor – Maximillian Schwarzmuller | [Link](#)

Certified JavaScript Programmer | Udemy | Instructor – Jonas Schmedtmann | [Link](#)

Certified Backend Developer | Udemy | Instructor – Jonas Schmedtmann | [Link](#)

## Education

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Nalanda University, Patna

Bachelor of Science · (2020 - 2023)