

PRANJAL SHARMA

New York City, NY • +1-929-682-4775 • pranjal.sharm98@gmail.com
<https://www.linkedin.com/in/pranjalsharma28>

PROFESSIONAL EXPERIENCE

EULERITY, NYC•01/2025-Present

AI-powered platform in digital marketing.

Web Developer Intern

- Refactored codebase by creating custom reusable components without relying on external React libraries, enhancing maintainability and scalability.
- Developed modular and strongly typed React components using TypeScript, improving code maintainability and reducing runtime bugs by 30%.
- Integrated REST APIs in a TypeScript-driven Redux architecture, ensuring robust type safety across the app.
- Integrated Redux for efficient state management, improving application performance and data flow consistency.
- Implemented Context for state management.

DREAMWAY MEDIA, California• 10/2024 –01/2025

Full-service digital agency specializing in web security and customer-focused solutions.

Web Application Developer

- Developed responsive WordPress themes for eCommerce sites, enhancing user experience and optimizing site performance.
- Customized plugins and advanced custom fields (ACF) to create tailored features, including interactive maps and CRM integration, improving functionality and user engagement.

RIBERA SOLUTIONS, Kathmandu, Nepal / CA, USA• 05/2022 – 05/2023

Software and services company.

Software Engineer

Built software solutions.

- Designed and integrated authentication mechanisms using OAuth and JWT tokens, fortifying user authentication processes and preventing unauthorized access to improve security significantly.
- Consolidated multiple virtualized applications using Docker and Docker-Compose, resulting in a significant reduction in hardware resource usage.
- Collaborated with cross-functional teams such as UX/UI designers leveraging my written and verbal communication skills to create intuitive and visually appealing interfaces by using react, resulting in a 25% increase in user satisfaction scores and positive feedback from end-users.
- Integrated Spring Boot Actuator to monitor and manage application health and performance metrics, enabling proactive issue detection, debugging and resolution using my problem-solving skills.
- Leveraged Spring AOP (Aspect-Oriented Programming) to implement cross-cutting concerns such as logging, caching, and transaction management, improving code modularity and maintainability.

BLUME GLOBAL, Bangalore, India • 08/2021 – 05/2022

Digital supply chain platform.

Associate Software engineer

Worked on software dev/EA mobile application

- Designed a cross-platform mobile application using Reach Native, incorporating push notifications and Google Maps API, resulting in 5K+ downloads.
- Leveraged React Router for client-side routing and navigation within single-page applications (SPAs), improving usability and page load times. Implemented state management using Redux or Context API in React applications, ensuring efficient data flow and maintainability of complex UI states.
- Provided application support, addressing user issues and implementing fixes to ensure smooth operation. Documented features and software development process in confluence.

- Implemented encryption algorithms for securely storing client data in sessions on the frontend, significantly bolstering data security measures and fostering client trust in the platform's confidentiality and integrity standards.
- Optimized the performance of a Java Spring web application by identifying and resolving database query issues, enhancing system responsiveness and efficiency by 30%. Hosted the application on GCP.

Education

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2026)

Maharishi International University, Fairfield, Iowa

G.P.A: 3.8/4.0

Key Courses: Web Application Programming, Algorithms, Web Application Architecture, Enterprise Architecture

Bachelor of Engineering in Computer Science

(Completion 08/2021)

Siddaganga Institute of Technology, Tumkur, Karnataka

G.P.A: 3.5/4.0

ACADEMIC PROJECTS

Maharishi International University (2023) [Real Estate Website Project](#): Real Estate Application provide features for exploring, buying, selling, and renting properties. Incorporated advanced search filters, interactive maps, and property valuation tools for users in the real estate market.

Technologies Used: Postgres, Java, spring boot, React.

Maharishi International University (2024) [Badge System](#): Badge System Application provides an efficient and secure solution for tracking attendance in various facilities within MIU. By replicating the functionality of physical scanners and incorporating features such as role-based access control, OAuth security integration, and the application streamlines attendance management processes while ensuring data security and reliability.

Technologies Used: Spring Boot, JPA, Spring Security, MySQL, ActiveMQ, Heroku

CERTIFICATIONS

[AWS Certified Solutions Architect - Associate](#)

[React - The Complete Guide 2024 \(incl. React Router & Redux\)](#)

Publications

[International Journal of Advance Research, Ideas and Innovations in Technology](#)

Membership

Rewriting The Code