# PREET KARWAL

## Full-Stack Web Developer & JavaScript enthusiast & Pentester

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Enthusiastic and Results-oriented Full Stack Developer specializing in the MERN stack. Looking to leverage my expertise in building responsive user interfaces and backend services to drive innovation and contribute to the success of a growth-focused organization.

## CAREER SUMMARY:

- Highly motivated and results-driven MERN Stack Developer with two years of professional experience in designing, developing, and deploying dynamic web applications. Proficient in MongoDB, Express.js, React, and Node.js, with a strong foundation in full-stack development and a proven ability to deliver high-quality software solutions.
- PHP Developer with 6 months of Industrial expertise in designing, developing, and maintaining dynamic web applications.
- Proficient in penetration testing, vulnerability assessment, and risk management, with a strong background in network security, web application security, and ethical hacking techniques.
- Hands-on experience in designing, implementing, and managing network infrastructures. Proficient in configuring, troubleshooting, and optimizing network performance. Adept at ensuring network security and providing technical support in fast-paced environments.

## TECHNICAL SKILLS:

- **Front-End**: React.js, HTML5, CSS3, JavaScript ES6+, Redux, React Router, Tailwind, Bootstrap, Chakra-UI, Daisy-UI, TypeScript
- **Back-End**: Node.js, Express.js, RESTful APIs, JWT Authentication, Appwrite, Socket.IO
- **Database**: MongoDB, Mongoose, MySQL
- **Version Control**: Git, GitHub
- **Tools**: npm,  Postman,  MetaSploit FrameWork,
- **Other Skills** : Linux, Windows, Network monitoring, Network Security, LAN/WAN

## EXPERIENCE :  2 +  YEARS

### MINDGEEKS TECH LLP  NEW DELHI                    MAR 2022 - AUG 2024

- Developed and maintained full-stack web applications using the MERN stack, resulting in a 20% increase in user engagement.
- Developed scalable RESTful APIs with Express.js and Node.js, integrating MongoDB to optimize data processing; this solution increased overall application efficiency by 25%, enabling faster feature rollouts and improved user satisfaction.
- Created seamless and responsive UI components with React.js, reducing development time for new features by 30% and enhancing the overall user experience.
- Configured and optimized network devices, including routers, switches, and firewalls, ensuring 99.9% uptime.
- Conducted regular network performance monitoring and troubleshooting, reducing downtime by 90%.

### AMS WEB SOLUTIONS PVT. LTD Rohtak (Internship)       JAN 2021 - JUN 2021

- Completed an intensive bootcamp focused on advanced PHP programming techniques, including object-oriented PHP, MVC architecture, and best practices for security and performance optimization.

## PROJECTS:

**MovieGuider2:**

- Built on functionality of Imdb website.
- Easy to search and browse for any movies or series details to get proper overview of program.
- Link: https://movieguider2.vercel.app/

**Realtime-Chat application:**

- Tech stack: MERN + Socket.io + TailwindCSS + Daisy UI, Authentication && Authorization with JWT
- Real-time messaging with Socket.io, Online user status, Global state management with Zustand, Multiple Themes with Daisy Ui
- Link:  https://friends4ever-chat-app2.onrender.com/

**Ecommerce App :**

- Tech Stack : MERN + TailwindCSS + Stripe Payment Setup + JWT with Refresh/Access Tokens
- Functionalities: User Signup & Login, Shopping Cart Functionality , Checkout with Stripe, Coupon Code System, Admin Dashboard, Security , Cart & Checkout Process , etc.
- Link:  https://mern-ecommerce-app1.onrender.com

## EDUCATION:

- **Master of Computer Applications (MCA)**
    **MDU ROHTAK 2019-2021**
- **Bachelor of Computer Applications (BCA)**
    **MDU ROHTAK 2017-2019**
- **Networking +  Ethical Hacking (Certifications)**
    **Hi-Tech  Institute Karol Bagh , Delhi**
- **Class - XII & X**

    **Partap Singh Memorial Senior Secondary School Kharkhoda, Sonipat**

## DECLARATION:

I hereby declare that all the information mentioned above is true and complete to the best of my knowledge and belief.

**Location: Sonipat(Haryana)**

**Preet Karwal**