PARNEET SINGH

Full Stack Web Developer

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ABOUT ME

Employed to develop user-friendly and effective internet applications. Competent at all levels of programming for **frontend development, backend development, and database development**. Possess a strong commitment to testing best practices and code quality. I'm looking for a challenging position where I can apply my technical expertise to provide outstanding customer experiences. Capable of picking up new technologies and programming languages.

PROFESSIONAL EXPERIENCE

Full Stack Web Developer

MediStart GmbH   07/2021 - Ongoing   Hamburg,Germany

- Managed with a **cross-functional agile team** of developers and designers to launch mobile-responsive websites to increase user engagement by 30%.
- Developed a full-stack web application from the ground up, including front-end design (**React, Material UI, and SCSS**), back-end functionality (**PHP and Node.js**), and database connectivity, which enhanced performance and reduced mistakes by 20%.
- Reduced end-user problem reports by 30% as a result of **efficient coding approaches**.
- Created efficient SQL database schemas to increase system efficiency by 50% and reduce query response time by 30%.
- Produced and executed several **REST APIs**, and integration with third-party apps increased client retention by 25%.
- Used **JEST** to test frontend components, and other **DevOps technologies** were leveraged to improve development, resulting in a 20% reduction in mistakes and deployment times.
- Applied **Git branching and merging** procedures to reduce conflicts and ensure seamless communication.

Frontend Developer

MediStart GmbH   06/2020 - 06/2021   Hamburg,Germany

- Designed **responsive web pages,** and it increased mobile traffic by 20% on high-traffic e-commerce sites.
- Created and maintained a reusable component library, which reduced new project development time by approx. 30%.
- Collaborated with **UI/UX designers** resulted in a 50% decrease in user mistakes and a 25% increase in user satisfaction.
- Implemented **lazy loading** and other **performance optimizations** to improve website loading time, resulting in a 40% drop in bounce rate and a 20% increase in page views.
- Created single-page websites by using **React, Redux, Material-UI, JavaScript, and SCSS**, which improved user experience and engagement by approx. 30%.
- Tested the **responsiveness** of the web applications, and the page load time was reduced by 50%.

EDUCATION

BSC INFORMATION ENGINEERING

HAMBURG UNIVERSITY OF APPLIED SCIENCES, HAMBURG
09/2018 - 03/2023   Hamburg, Germany

- Specialized in **information engineering**, such as **software engineering**, to design and develop efficient, secure, and scalable information systems.
- Tuned myself in to programming, **data structures, database systems**, network protocols, and computer architecture.
- Completed some projects, including a robot project, a web chat application, a weather application, and a cryptography mobile application.

BSC General Science

Kurukshetra University
09/2011 - 05/2016   Kurukshetra, India

- Covered a wide range of topics and projects in **mathematics, physics, computer education**, and more.

PORTFOLIO

Hack Horse: https://hackhorse.tech/

LinkedIn:
https://www.linkedin.com/in/parneet-singh-107470240/

SKILLS

Tech Stack

HTML5 • **CSS** • **SASS** • **Tailwind CSS** •
JavaScript(ES6) • **TypeScript** • **ReactJs** • **Redux** •
Angular.js • **Ajax** • **JSON** • **Jquery** • **Bootstrap** •
DOM Manipulation • **Git version Control** • **GitHub** •
Node.js • **PHP** • **Object Oriented Programming** •
Performance Testing • **REST APIs** •
Responsive Desgin • **JEST Testing** • **WebSockets** •
Material-UI (MUI) • **npm** • **UI/UX patterns.**

Non-Tech Stack

Agile Methodology & SCRUM • **Jira** • **Adobe XD** •
SEO • **Build Excellent Communication.**

Database Stack

Relational Databases • **MySQL** • **MariaDB** •
PostgreSQL • **No SQL Databases** • **MangoDB** •
Firebase.

CERTIFICATION

Full-Stack Web Development with React Certification

Udemy

REST APIs - with PHP & Node.js Certificate

Udemy

The Complete SQL Boot camp Certificate

Udemy

The Complete Flutter Boot camp Certificate

Udemy

Ethical Hacking Certificate

Udemy

PROJECTS

Content Management System CMS on React
02/2022 - 05/2022
Built CMS software for managing and publishing **university and student data**.

Web Chat Application on React & Node.js
11/2022 - 02/2023
Introduced a chat application with **real-time communication, responsive design**, and advanced **security features**.

Mobile Application on RSA cryptography
09/2021 - 12/2021
Constructed a secure mobile application by using **Flutter** and the **RSA cryptography algorithm** for user communication.

LANGUAGES

English	Proficient
German	Intermediate
Hindi	Native
Punjabi	Native

HOBBIES

Photography and Traveling