

Naval Plahha

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WORK EXPERIENCE

TeqMavens

Panchkula, Haryana (Remote)

Senior Software Engineer

Jun 2022 - Present

- Engineered and maintained a high-performance music platform built on CakePHP and MySQL, enhancing content delivery efficiency by 40% and supporting over 1 million monthly visitors.
- Integrated collaboration tools like Google Sheets, Asana, and AWS services to streamline content management workflows, reducing project turnaround time by 35% and increasing team productivity across multiple departments.
- Optimized the platform's backend architecture to ensure seamless user experience during peak traffic periods, resulting in a 25% increase in user retention and a significant boost in music content engagement metrics.

Pearl Organisation

Dehradun, Uttarakhand

Technology Executive

Oct 2021 - Jun 2025

- Engineered a scalable multi-vendor, multi-category e-commerce platform using Laravel, Vue.js, and MySQL, resulting in a 40% increase in transaction throughput and supporting over 150 active vendors within the first six months.
- Developed an innovative astrology platform delivering personalized dynamic readings based on user inputs such as birth date, name, and location, leading to a 35% boost in user retention rates within the initial quarter post-launch.
- Implemented an integrated data export system leveraging Google Sheets to automate detailed sales and user engagement analytics, reducing manual reporting time by 60% and enabling real-time decision-making.

BeownTech

Dehradun, Uttarakhand

Web Developer

Oct 2020 - Sep 2021

- Developed a Python-based psychology test application to accurately assess students' IQ and distraction levels, achieving a 95% reliability rate and facilitating data collection for over 200 users monthly.
- Customized and integrated external APIs within unique WordPress themes to enhance website functionalities, increasing client satisfaction scores by 25% and reducing development time by 20%.

OTHER EXPERIENCES

Anime Streaming App

Flutter / Personal

Feb 2021 - Dec 2021

- Developed a feature-rich anime streaming application using Flutter, resulting in over 25,000 active users within the first month and supporting seamless playback of high-definition videos for a global audience.
- Implemented real-time chat functionality with Laravel backend, enabling concurrent communication for thousands of users and enhancing user engagement metrics by 40%.
- Optimized app performance through efficient code architecture and video handling techniques, reducing load times by 30% and ensuring reliable service during peak usage periods.

Cysecurity

Singapore (Remote)

Flutter Developer

Jan 2022 - Jun 2022

- Built an Android security app in Flutter that scans 100% of installed applications and verifies their integrity by generating MD5 hashes and comparing them against a trusted database of original apps, reducing risk of fake app installation by up to 90%.
- Implemented a lightweight malware detection engine capable of identifying 50+ common tampering signatures, improving threat-detection accuracy by ~85%.
- Developed a real-time SMS spam/phishing detection module that analyzes incoming messages within milliseconds, blocking 70-80% of high-risk SMS scams before the user interacts.
- Optimized background scanning to consume lowest resources possible, ensuring strong protection without performance drop.

SKILLS AND INTERESTS

Computer: Laravel, CakePHP, PHP, Javascript, Go, Dart, Flutter, Redis | **Database:** SQL, MongoDB, Sqlite

Languages: English, Hindi, Punjabi | **Interests:** Mixed Martial Arts, Badminton