VAIBHAV NAIR

Fullstack Developer

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SUMMARY

Dynamic and skilled Full Stack Developer with 2 years of experience in designing, developing, and delivering high-quality web applications. Proficient in front-end and back-end technologies, including JavaScript, PHP, HTML, CSS, React, and Laravel. Adept at solving complex technical challenges, collaborating with cross-functional teams, and ensuring seamless project execution. Experienced in analyzing requirements, translating them into robust technical solutions, and maintaining effective communication with stakeholders to align development with business goals. Passionate about creating scalable, user-friendly applications and driving innovation through technology.

EDUCATION

SCMS School of Engineering and Technology
BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE 2018-2022 | CGPA:8.06

Velammal Vidhyashram
SENIOR SECONDARY(CBSE): PCM-IP 2016 – 2018 | Percentile: 88.2

SKILLS

Frontend Development
- Frameworks/Libraries:
  - React.Js,Next.js
- Styling/CSS Frameworks:
  - Sass, Bootstrap, CSS
- Languages:
  - JavaScript

Backend Development
- Web Frameworks:
  - Laravel
- Languages:
  - PHP
- Databases:
  - MySQL, PostgreSQL
- API Development:
  - RESTful API design

Content Management Systems (CMS)
- Contentful, WordPress

Miscellaneous
- HTML, PUG, PYTHON. JAVA

MS Office Suite
- PowerPoint, Excel. Word, Power BI

CERTIFICATIONS

Certified ScrumMaster(CSM)

PROFESSIONAL EXPERIENCE

Software Engineer
White Rabbit Group | 07/2022 - 07/2024

Firefighter EMS (Employee Management System)
- Led a year-round retainer software project, managing the development and maintenance of complete end-to-end functionalities.
- Worked closely with product managers to gather requirements, prioritize tasks, and deliver solutions aligned with business goals.
- Performed technical debt resolution in both front-end (React, JavaScript) and back-end (PHP, Laravel) to enhance code quality and system performance.
- Conducted A/B testing and analysis to optimize user experience and boost engagement metrics.

Migration project- Nextjs
- Migrated an existing React project to Next.js, significantly improving SEO and site performance.
- Enhanced server-side rendering capabilities, resulting in faster page load times and better search engine indexing.
- Optimized the codebase for better maintainability and scalability, leveraging Next.js features.

Property Management Website
- Maintained a PHP cron job to ensure seamless data flow from the RentManager API between systems.
- Automated and maintained the process of injecting received data into the WordPress backend to keep property listings up-to-date.
- Maintained functionality for the cron job to generate XML feeds, enabling efficient data syndication and distribution.

Developed and maintained company website
- Developed WhiteRabbit Group's official website using Contentful CMS
- Designed and implemented both frontend and backend components for seamless user experience

COURSES

1. Build your first android app(Coursera)
2. Machine learning training(Internshala)

VOLUNTEERING

Event Coordinator IEEE SSET Student Branch
01/2021 - 01/2022

- Spearhead the planning, organization, and execution of a diverse range of activities and events within and outside the student branch.
- Earned a grant of $120 from the IEEE CS Society for the outstanding idea of conducting an online scavenger hunt - EN1GM4.

Student Partner Programme Internshala
05/2020 - 08/2020

- Took on a multifaceted role aimed at promoting internship opportunities and fostering student engagement.
- Hosted engaging educational sessions aimed at raising awareness about the opportunities presented by internships and online courses in the dynamic fields of big data and machine learning.

Enhanced company efficiency

- Worked on internal projects to evaluate and optimize company operations.
- Utilized data-driven insights to improve workflow and productivity.

RESEARCH & PUBLICATIONS

IEEE Research Paper Publication

- A Swarm-based AI Aided Wheel Bot System to Detect Cracks in Railway Tracks(Final Year Project)
- 7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)

ieeexplore.ieee.org/document/9987326

Patent(Published)

- A Novel & compact measuring device using angular transducers
- A compact and portable measuring device designed especially for measuring irregular surfaces with enhanced precision.
- Applicant ID: 202041052419

iprsearch.ipindia.gov.in/PublicSearch/PublicationSearch/ApplicationStatus