

Vaibhav Heda

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SUMMARY

Experienced software engineer with 4 years in Node.js, React.js, and TypeScript. Proficient in MongoDB, RESTful APIs, and creating responsive UIs. Skilled in developing backend systems with Nest.js and optimizing performance. Eager to contribute to INTEGRTR's enterprise SaaS platform by leveraging technical skills and innovative solutions.

EXPERIENCE

Superprocure, SDE-3

Apr 2022 - Present

Spearheaded the revamp of a logistics tracking system, resulting in a 50% improvement in operational efficiency. This involved backend development using Nest.js, dashboard creation with Power BI and Chart.js, and automated data updates via MongoDB.

- Engineered an optimized notification system, significantly enhancing performance and reliability by minimizing reliance on multiple CronJobs. The system now efficiently processes over 10,000 daily notifications across SMS and email channels.
- Redesigned the distance calculation and location management logic, improving route accuracy and efficiency through the implementation of the Travelling Salesman Problem (TSP) algorithm for optimal vehicle routing and real-time route visualization.
- Independently developed a robust PDF editor from scratch, enabling advanced capabilities such as text rewriting, shape/image/signature insertion, and export functionality. The tool includes automatic detection of font styles and sizes to preserve formatting consistency.

Accenture, Associate Software Engineer

Oct 2020 - Nov 2021

Developed and maintained Office 365 applications using React.js, TypeScript, and SPFx, enhancing user experience and system performance. Implemented Power Apps, Power BI, and Power Automate solutions, streamlining workflows and improving data visualization. Collaborated with global clients for requirement gathering and project deliveries, ensuring timely and efficient completion of projects.

National Remote Sensing Centre (ISRO), Intern

Jan 2020 - Jun 2020

Developed a container-based software for pre-processing satellite data using Docker, enhancing data processing efficiency by 5%. Gained hands-on experience in satellite data collection and processing, contributing to improved data accuracy and reliability. Collaborated with a team to streamline data workflows, reducing processing time by 20%.

Unacademy, Educator

Jun 2018 - Dec 2018

My Job at unacademy was to create content to help students learn various courses. Created multiple courses on the unacademy platform on various subjects like Math and various languages.

EDUCATION

JECRC University

Bachelor of Technology • Computer Science • 2016 - 2020

Maheshwari Public School

XII • Computer Science • 2014 - 2016

Maheshwari Public School

X

LICENSES & CERTIFICATIONS

MS-900: Microsoft 365 Fundamentals

Issued 2021

PL-900: Microsoft Power Platform Fundamentals

Issued 2021

AZ-900: Microsoft Azure Fundamentals

Issued 2021

SKILLS

HTML 5 • CSS • SCSS • JavaScript • Typescript • React js • Node js • Nest js • Java • C#

HONORS & AWARDS

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