

# Sindhu R

[sindhu126mlt@gmail.com](mailto:sindhu126mlt@gmail.com) | 9138329238 | [www.linkedin.com/in/sindhu-r-469440270](https://www.linkedin.com/in/sindhu-r-469440270) |

## Summary

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Accomplished Full Stack Developer with a proven track record in designing and deploying high-performance web applications using TypeScript, React, Node.js, Next.js, Express, and PostgreSQL. Skilled in implementing server-side rendering, microservices architecture, and scalable cloud solutions, including AWS, while integrating modern technologies such as AI models and GraphQL. Adept at independently managing end-to-end project development and collaborating effectively in remote environments, with a strong emphasis on UI/UX design and performance optimization.

## Professional Experience

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### Pvk corporation

Role: Full stack Developer | Remote (Oct 2024- present)

- Developed and maintained responsive, high-performance web applications using TypeScript, React, Node.js, Express, PostgreSQL, and Tailwind CSS.
- Implemented Next.js for server-side rendering (SSR) to optimize page load times and improve SEO.
- Demonstrated a strong command of modern JavaScript and TypeScript, ensuring clean, maintainable, and efficient code across both frontend and backend systems.
- Delivered full-cycle project development—from concept through deployment—consistently shipping robust, production-ready applications.
- Independently developed and tested new features, proactively identifying and resolving bugs to enhance system stability.
- Collaborated effectively with cross-functional teams, excelling in both remote and in-person environments through clear and proactive communication.
- Applied a keen eye for UI/UX design to create visually appealing, intuitive interfaces that enhance the overall user experience.

### Vaidhya Software Pvt Ltd

Role: Software Developer | Remote (Aug 2023 – Sep 2024)

- Developed and maintained scalable Node.js applications in a production environment.
- Built client-friendly solutions by leveraging documentation and independently learning new techniques.
- Deployed and managed applications on AWS (EC2, S3, Lambda, API Gateway, RDS) for high availability and scalability.
- Designed microservices architecture and optimized API performance for seamless integration.
- Integrated AI models for data analytics and automation, enhancing system efficiency.
- Effectively communicated technical concepts to non-technical stakeholders, ensuring clear understanding.
- Thrived in a fast-paced, remote environment, collaborating with cross-functional teams and managing multiple projects.

### Devifi Inc

Role: Software Developer | Remote (Jan 2023 – Jul 2023)

- Developed and maintained React.js applications with JavaScript, improving maintainability and scalability.
- Built highly responsive UI components with CSS, ensuring web accessibility (WCAG, ADA Compliance).
- Constructed and implemented GraphQL schemas and REST APIs, ensuring efficient data flow between client and server.
- Optimized and debugged legacy codebases, improving application performance.
- Designed and managed SQL databases (PostgreSQL, MongoDB), ensuring efficient query performance.

- Managed multiple clients daily, switching between 5–10 projects, delivering high-quality solutions.
- Integrated Webpack, Babel, and Yarn for streamlined development workflows and optimized performance.

## ServiceNow

**Role:** Contant Data Analyst | Hyderabad, India (Sep 2021 - Jul 2022)

- Expertise in software lifecycle management, including evaluation, procurement, and deployment.
- Proficient in utilizing tools for software performance analysis and issue tracking.
- Skilled in analyzing user requirements to assess software usability and effectiveness.
- Strong knowledge of licensing agreements, compliance standards, and vendor negotiations.

## Education

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**Master of Science in Computer Science, University of Central Missouri**

**May 2024**

Relevant Coursework: Big Data, Machine Learning, Advanced Algorithms, Software Engineering, Database Systems, AI development.

**Bachelor of Technology in Computer Science, Narsimha Reddy Engineering College**

**July 2021**

Relevant Coursework: Java Programming, Data Structures & Algorithms, Network Security, Cloud Computing, Python Programming

## Skills

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- **Frontend Development:** React, Next.js, JavaScript, TypeScript, Tailwind CSS, HTML5, CSS3, UI/UX design principles.
  - **Backend Development:** Node.js, Express, REST APIs and GraphQL, Microservices architecture
  - **Database Management:** PostgreSQL, SQL, MongoDB
  - **Cloud & DevOps:** AWS (EC2, S3, Lambda, API Gateway, RDS), Deployment & CI/CD pipelines
  - **Tools & Workflow:** Git, Webpack, Babel, Yarn, Agile methodologies and project management

## Certification

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- **AWS Cloud Practitioner Essentials**
  - **Fundamentals of Analytics on AWS**