

# Aadarsh Kumar

Full Stack Developer | Cloud Engineer

Full Stack Developer and Cloud Engineer with 2.5 years of experience in front-end, back-end and cloud technologies. Currently building SaaS.

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GitHub Medium

LinkedIn LeetCode

Portfolio

## EXPERIENCE

### SurveySparrow

Product Developer

July 2024 - Present

Chennai, Tamil Nadu

- Owned **end-to-end development** of a scalable nominations system, including **database schema architecture** designed for future scalability and feature expansion, enabling **organization-wide voting**.
- Re-designed participant selection using **DB-driven filtering** (departments, groups, custom properties, etc.) in **PostgreSQL**, reducing **OpenSearch dependency and infrastructure cost**.
- Built **custom, context-aware participant filters** to ensure dropdown options reference **only eligible/selected users**, improving UX and query efficiency.
- Optimized performance by introducing **targeted database indexes** for high-traffic queries. Integrated **OpenSearch** for low-latency full-text search where required.
- Built **state-driven scheduling workflows using Time Relic** to reliably trigger emails, in-app notifications, and actionables. Implemented **background processing and caching using BullMQ + Redis**, improving throughput, reliability, and reducing database load.
- Delivered a **high-performance frontend** using **React + React Query** with reusable components via **Twiggs**. Leveraged **AI-assisted development** to do repetitive tasks and accelerate implementation, delivering an estimated **3 months of planned work in 1.5 months** without compromising quality.

### Rogue Pixxel It Solutions LLP

August 2024 - July, 2025

Ranchi, Jharkhand

- Architected and delivered a comprehensive ERP solution for one of India's top organization, featuring a responsive, high-performance frontend built with **Next.js** and a scalable **Nest.js** backend implemented using **TypeScript and SOLID principles**.
- Designed and deployed a **PostgreSQL** database schema from scratch. Implemented robust **authentication** using **JWT** and **role-based access control (RBAC)** for multiple user roles, ensuring secure and tailored access across the ERP system.
- Built reusable components following best practices to enable an efficient, scalable, and maintainable frontend, and utilized **Redux** and **Zustand** for state management to enhance application performance and scalability.
- Developed and deployed an **SEO-optimized**, visually engaging, responsive frontend for Jharkhand's leading real estate company using **Next.js**, with an **Express.js** and **Node.js** backend, and enhanced user experience with dynamic animations using **Framer**.

### G7CR Technologies-A Noventiq Company

May 2023 - March 2024

Bengaluru, Karnataka

- Led the complete migration initiative for several mid-sized enterprises, thorough assessments of their existing infrastructure to pinpoint areas for improvement. Produced meticulously detailed migration reports, which offered crucial insights and actionable strategies for optimization, resulting in the **optimization of client workloads**.
- Crafted a tailored roadmap for Azure Cloud transition, ensuring a seamless journey by overseeing each step with precision. Throughout this transformative process, dedicated efforts were directed at **enhancing workload efficiency** through innovative solutions.
- **Automated Disaster Recovery** for a leading **Fortune 500 corporation**, architecting and deploying sophisticated PowerShell automation scripts. Which resulted in a **significant reduction in downtime**, enhancing operation and preserving critical business functions even during challenging scenarios.
- Developed a **React.js** powered, employee performance dashboard for an **SMB**, enabling real-time insights and streamlined evaluations.

## TECHNICAL SKILLS

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**Languages:** JavaScript, Java, Typescript, HTML, CSS, Tailwind CSS

**Frameworks:** React Js, Next Js, Node Js, Redux, Zustand, Nest Js, Express Js , Redis , Open Search,Bull MQ, Time Relic

**Developer Tools:** VS Code, Jira, Github, LightHouse, React Dev Tools

**Cloud/Dev-Ops:** Linux, Azure, Docker

**Others:** Data Structure and Algorithm, PostgreSQL, MongoDB, REST API, Framer, Swagger, Postman, Insomnia, Agile, Scrum, Confluence

**Soft Skills:** Problem Solving, Self Learning, Presentation, Adaptability

## PERSONAL PROJECTS

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### - Trendy Cart

*E-commerce platform for users with features like login/signup using JWT Auth and sections for popular products.*

\* Technology Used : **MongoDB,Express.js,React.js,Node.js**

### - My Resume Website

*A web application that shows my profile, projects, certification,achievements.*

\* Technology Used: **HTML,CSS,JavaScript**

### - Furniture Premium

*A highly responsive Landing page for E-commerce website, hosted using vercel.*

\* Technology Used: **HTML,Tailwind CSS**

### - Spotify(Clone)App

*A web application, which is a clone of Spotify having a list of some favourite songs.*

\* Technology Used : **HTML,CSS,JavaScript**

## CERTIFICATES AND ACHIEVEMENTS

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**ReactJS:** Certified React.js Developer - March 2025

**Ranked 278/845:** Weekly Coding Contest -131 at Coding Ninjas

**Microsoft Certified:** Azure Administrator Associate - AZ-104 - March 2024

**Microsoft Certified:** Azure Fundamentals - AZ-900 - December 2023

**LEETCODE:** 50 Days Badge 2023

**JSPIDERS:** Professional Training in Core Java, J2EE, SQL, WEB Technology - July 2023

## EDUCATION

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### -Kalinga Institute of Industrial Technology (KIIT)

*July 2018 - June 2022*

*Bachelor of Technology in Electronics & Telecommunication Engineering*

*Bhubaneswar,Odisha*