

ADARSH KUMAR

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[GitHub](#) | [LinkedIn](#) | [WebSite](#)

Profile Summary

Frontend Developer with strong expertise in **React.js, TypeScript, and modern UI frameworks**, building scalable, secure, and high-performance web applications. Experienced in translating design wireframes into responsive interfaces, integrating REST APIs, and delivering enterprise-grade platforms. Proficient in **CI/CD pipelines, Azure DevOps, and cloud deployment**, with a solid foundation in HTML, CSS, and JavaScript. Passionate about creating intuitive user experiences and reusable component libraries.

Core Skills

- **Frontend:** React.js, TypeScript, JavaScript (ES6+), Redux, Fluent UI, Responsive Web Design
 - **Web Technologies:** HTML5, CSS3, REST APIs, JWT Authentication
 - **DevOps & Tools:** Azure DevOps, Git/GitHub, Docker, CI/CD Pipelines, Selenium
 - **Databases:** PostgreSQL, MySQL, MongoDB
 - **Cloud & Deployment:** Azure, AWS, DigitalOcean
 - **Others:** Node.js, Express.js, Agile Development
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Professional Experience

Mindware Technologies, Delhi India

Mar 2025 – Sep 2025

Frontend & Full-Stack Developer (Intern)

- Developed scalable enterprise platforms ([IndianBarcode.com](#), [TagsIndia.com](#), [Mindwaretechnologies.com](#)) using React.js, TypeScript, Next.js and PostgreSQL, boosting user engagement by 35%.
- Implemented **secure, reusable UI components** with React + Fluent UI, integrated REST APIs with JWT-based authentication, and optimized high-traffic databases to reduce query latency by 30%.
- Established **CI/CD pipelines (GitHub Actions → Azure DevOps adaptable)** and conducted automated testing with Cypress & Selenium, achieving 95%+ test coverage and 99.8% deployment uptime.

V-Developers Pvt. Ltd., Mathura

Aug 2023 – Jan 2025

Machine Learning Developer

- Delivered **end-to-end client products** including School Management System, POS & Warehouse Management System, and AI-powered solutions (chatbots, predictive models, facial recognition), ensuring scalable architecture with React, Node.js, and PostgreSQL.
- Engineered **custom AI/ML models** (forecasting, trend analysis, personalized assistants) and integrated them into enterprise platforms, improving client decision-making efficiency by 20%+.
- Deployed applications on **cloud platforms (AWS, DigitalOcean)** with CI/CD pipelines, while mentoring juniors and collaborating with clients to deliver production-ready, secure systems.

Key Projects

Enterprise Barcode & Label Management Platform ([IndianBarcode.com](https://indianbarcode.com))

- Engineered a **scalable enterprise platform** for 10,000+ active users using **React.js**, **TypeScript**, **PostgreSQL**, and **Fluent UI**, enabling seamless barcode/label creation and management.
- Built **reusable UI component libraries** and implemented **secure JWT-based authentication**, ensuring reliability across enterprise clients.
- Optimized high-traffic queries (25% faster response) and established a **CI/CD pipeline** (**GitHub Actions** → **Azure DevOps** adaptable), achieving 99.8% deployment uptime.

Retail POS & Warehouse Management System with Predictive Analytics

- Designed and deployed a **full retail management solution** (billing, inventory, sales forecasting) for 50+ retail clients using **React + Express.js**, integrated with secure payment gateways and **role-based access control**.
- Implemented **predictive analytics models (LSTMs)** for sales forecasting, improving inventory planning accuracy by **22%**.
- Achieved **98% automated test coverage** (Cypress + Selenium), reducing bug reports by 15% and improving system stability.

AI-Powered Multimodal Summarizer (Capstone Project)

- Developed an **AI-driven summarization system** integrating **text, image, and document inputs** with Hugging Face transformers, React frontend, and FastAPI backend.
- Deployed on **AWS cloud**, handling **5,000+ daily requests** with optimized inference pipelines, reducing processing time by **30%**.
- Showcases ability to integrate **frontend React UI with complex backend APIs**, demonstrating strong **cross-functional delivery skills**.

Education

Bachelor of Technology in Computer Science (AI & ML)

GLA University, Mathura | 2021 – 2025

- Relevant Coursework: Web Development, Cloud Computing, Software Engineering
- Capstone Project: Multimodal AI Summarizer with React frontend integration

Certifications

- IBM Certified – AI/ML Essentials
- Google Cloud ML Engineer Training
- TensorFlow Developer Certificate
- Quantum Computing Workshop Certificate