

# NIKHILRAJ DUMPETI

+91 7674931031 dnraj2001@gmail.com Github LinkedIn Portfolio

## EDUCATION

St. Mary's Group Of Institutions, Hyderabad, Telangana.  
Bachelor of Technology in Computer Science and Engineering

May 2018 - Sep 2022

## WORK EXPERIENCE

### Full Stack Developer / Blackcoat.Ai

Jan 2025 - Present

**TechStack:-** JavaScript, React.js, Express.js, Node.js, Google Firebase, TailwindCSS.

Gurugram, India

- Engineered a multi-role (Admin, Vendor, Customer) e-commerce platform managing 20,000+ natural stone SKUs with advanced product/order/inventory workflows and secure role-based access using JWT and React Router.
- Integrated AI microservices and AR/VR visualization tools to improve image search, personalized recommendations, and immersive product previews, enhancing user experience and engagement.
- Built scalable, full-stack architecture with Vite+React, Node.js, Express, and Firebase Storage, delivering responsive UI and RESTful APIs for seamless media management and operational efficiency.

### Associate Software Developer / SpY D Technology

Mar 2024 – Jan 2025

**TechStack:-** React.js, Node.js, Express.js, MySQL, TailwindCSS.

Hyderabad, India

- Developed a feature-rich E-Learning platform using React.js and Tailwind CSS, comprising multiple responsive pages and real-time data integration. Focused on creating dynamic, user-centric interfaces with smooth navigation, accessibility, and mobile-first design principles.
- Developed core features such as login/logout, course listing, user dashboards, and interactive components to enhance engagement and usability.

## PROJECTS

### Stonepedia : An E-Commerce website deals with Natural Stones — (Hosted Link [↗](#))

**TechStack:-** React.js, TailwindCSS, Node.js, Express.js, Firebase, Postman.

- Developed a full-featured, multi-role e-commerce platform (admin, vendor, customer) for 10,000+ natural stone SKUs (marble, granite, onyx, etc.), inspired by Amazon/Flipkart. Integrated AI microservices for intelligent image search and recommendations, along with AR/VR tools for immersive stone visualization
- Implemented JWT-based authentication, role-based routing, and Integrated OpenAI API for product recommendation and Chatbot functionality. Enabled complete product/order/inventory workflows via REST APIs and managed media assets with Firebase Storage.
- Integrated Tilesview third-party API for AR/VR product visualization and implemented a CI/CD pipeline, reducing deployment time by 30% and improving development workflow.

### E-Education : Learning Platform — (Hosted Link [↗](#))

**TechStack:-** HTML, CSS, JavaScript, React.js, Node.js, Express.js.

- Built a comprehensive, multi-user E-Learning platform (admin, instructor, student) supporting video courses, quizzes, and progress tracking. Developed a dynamic, responsive frontend using React.js and Tailwind CSS. Integrated backend APIs for real-time course content, user progress, and instructor uploads
- Implemented secure authentication (login/logout), protected routes, and session persistence. Enabled role-based dashboards and modular UI for scalable content delivery.

## SKILLS SUMMARY

Languages:	C, Python, JavaScript, TypeScript.
Frontend Development:	HTML5, CSS3, React.js, Next.js, Tailwindcss.
Backend Development:	Node.js, Express.js, REST APIs, WebSockets.
Databases:	MongoDB, MySQL, Firebase, SQLite.
Cloud & Architecture :	Firebase, Micro Services, JWT Authentication
Developer Tools:	Git, GitHub, Postman, VS Code, CI/CD, API Testing.

## ACHIEVEMENTS / CERTIFICATES

- Completion of 100-Day Coding Challenge on LinkedIn.  
During the 100 -day coding challenge on LinkedIn, I practiced coding for 7 hours a day and learned how to use programming languages like HTML, CSS, JavaScript, Reactjs, Python and SQL. I built 5 websites
- Industry Ready Certification in Full-stack Development at NxtWave Technologies.
- Certificate of 5-days DBMS workshop with Oracle Academy at Collage.