

ROUNAK CHADHA

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SUMMARY

Hands-on experience in full-stack web and software development, delivering user-centric solutions across fintech, AR/VR, and analytics. Developed and deployed 5+ real-world applications, including dashboards, chatbots, and interactive tools. Skilled in applying advanced algorithms, data structures, and product thinking to create scalable, high-performance systems that drive measurable user engagement.

EDUCATION

S.R.M Institute of Science and Technology, Chennai

July 2022 - Present

B.Tech in Computer Science and Engineering, 9.04 GPA

City montessori School, Lucknow

April 2020 - April 2022

Physics, Chemistry and Maths with Computers

WORK EXPERIENCE

SYNERGENIUS GROWTH PVT. LTD. (Finfinity), Mumbai, India

June 2025 – July 2025

Software Development Intern

- Contributed to the design and delivery of innovative fintech solutions in collaboration with the Technology & Product teams
- Built 4 real-world projects — Customer Management Dashboard, Chatbot, ROI Investment Calculator, and AR/VR House Tour Application — and presented them at the company's annual Sales & Strategy Meet, engaging directly with leadership.

INFRA INNOVVATIONS, Lucknow, India

march,2025

Freelance Web Development

- Designed, developed, and deployed a full-stack company website for Infra Innovations, delivering an end-to-end digital presence.
- Utilized React, Next.js, Git, Cloudflare, and Vercel for development, deployment, and performance optimization.
- Implemented CDN caching and optimization strategies to enhance site speed, SEO ranking, and user experience.

TEACHNOOK (TEACHSCAPE ONLINE LEARNING SERVICES)

Oct 2024 - Dec 2024

Web Development Intern

- Developed and maintained responsive web interfaces as a web development intern at Technook, an ed-tech platform verified by IIT Roorkee.
- Collaborated closely with the tech team over two months, implementing UI enhancements and optimizing user experience across the platform.

PROJECTS

Cervi Care- A Cervical Cancer Awareness mobile/web Application

- Developed a responsive web application using React with an integrated AI-driven chatbot to provide immediate, interactive symptom identification and personalized guidance for cervical cancer awareness, resulting in a 40% increase in user engagement.
- Implemented location-based vaccination recommendations through API integration, enabling users to conveniently locate nearby vaccination centers and healthcare resources.

Deepfake Detection using CNN's and Vision Transformers

- Engineered advanced detection algorithms using convolutional and recurrent neural networks to accurately identify deepfake images and videos in real-time environments, resulting in a 93% detection accuracy.
- Optimized computational efficiency to enhance system performance and scalability, achieving a 45% reduction in processing time and ensuring robust application across multiple digital platforms.

House Price Prediction Application for GreenPearl SRM

- Built a house price prediction model by applying advanced regression techniques (Ridge, Lasso, XGBoost) and performing comprehensive data cleaning, feature engineering, and model evaluation, resulting in an 80% predictive accuracy on test datasets.
- Developed a React-based frontend for the Greenpearl property listing website at SRM, integrating the prediction model to provide users with instant property price estimates, increasing user engagement by 30%.

SKILLS

- Technical Skills:** Java, C, C++, Python
- DBMS:** SQL, Excel, Postgres
- Web development:** HTML, CSS, JavaScript, React.js, springboot, tailwind css, next.js, cloudflare, vercel,
- DevOps:** docker, Ansible, Terraform, Jenkins, Git, Prometheus, Grifana
- Languages:** English, Hindi
- Creative Editing Software:** Wix, Canva, Figma, Flutter
- Soft skills:** Leadership, Communication, Problem Solving, Presentation and Collaboration