

DARSHAN SANDEEP POTE

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Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University <i>B.Tech in Information Technology (Major: Data Science), CGPA: 6.36/10</i>	September 2022 – Present Navi Mumbai, India
DnyanPushpa Vidya Niketan School and college <i>12th Grade, Percentage: 53.47%</i>	June 2021 – June 2022 Belapur, India
MNR School Of Excellence <i>10th Grade, Percentage: 77.00%</i>	May 2019 – July 2020 Navi Mumbai, India

Experience

Wayspire Ed-Tech Private Limited <i>Android App Developer Intern</i>	December 2023 – February 2024 Gurugram, India
<ul style="list-style-type: none">Contributed to the design and development of Android applications using Java and Android Studio, focusing on both UI/UX and backend integration.Integrated APIs, Firebase, and third-party libraries to implement key features such as user authentication, real-time data synchronization, and push notifications.Collaborated in an agile team environment, actively participating in code reviews, testing, and debugging to enhance app stability and performance.	

Projects

Smart Home Appliances Marketplace <i>React, Express.js, MongoDB, Razorpay/Stripe</i>	October 2024
<ul style="list-style-type: none">Developed a full-stack e-commerce web application focused on smart home IoT productsImplemented voice based search with dynamic product listings with category-based filtering, cart management, and user authenticationIntegrated product reviews and ratings to enhance customer experience	
XOR-based (2,2) Visual Cryptography for Medical Images <i>Python, OpenCV, NumPy, PIL, Tkinter, Git</i>	May 2024
<ul style="list-style-type: none">Developed a secure image sharing application using XOR-based (2,2) visual cryptography.The system splits a medical image into two nonreadable encrypted shares, which individually reveal no information.Designed a user-friendly interface to securely generate and visualize shares, and reconstruct the original image by merging both shares.	
Real-Time Crisis Alert Dashboard <i>React, TailwindCSS, FastAPI, MongoDB, Leaflet.js</i>	February 2025
<ul style="list-style-type: none">Developed a full-stack crisis alert platform using React, TailwindCSS, FastAPI, and MongoDB to collect, store, and manage geotagged incident reports with category and severity tagging.Engineered a scalable REST API backend to support real-time updates, efficient data flow, and future integration with AI-based prioritization and image validation features.	

Technical Skills & Certifications

Languages: HTML/CSS, JavaScript, Python, C
Frameworks: React, Node, Angular, Express
Tools: Git, MongoDB, SQL, AWS, REST API
Technologies: Web Development, Data Analysis, Deep Learning, AI, Machine Learning

GraduVation: Training in the field of Web Development
Edx W3Cx: Introduction to Web Accessibility
Edx IBM: Data Analytics for Everyone
GraduVation: For completing Project Under Mentor Guidance
AWS: AWS Academy Cloud Architecting

Extracurricular

Hackerzstreet	April 2025 Manipal Unniversity, Jaipur
<ul style="list-style-type: none">Designed and developed a full-stack web platform for buying, selling, and managing smart home appliances, and were shortlisted as top 30 (semi-finalists) among numerous participants.	
Hack The Cosmos'25	May 2025 SRM Institute of Science and Technology (SRMIST), Chennai
<ul style="list-style-type: none">Developed an AI-powered system to recognize degraded and ink-spilled handwritten Marathi scripts from historic literature. Built and trained a custom CNN model achieving high accuracy on real-world data. Applied data augmentation and preprocessing techniques to improve robustness against noise, overlapping characters, and varying handwriting styles. Deployed a full-stack solution with an intuitive interface for digitizing and preserving Marathi heritage documents.	

Hobbies

Programming, Gaming