ABHINAV SINGH

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B.Tech, Computer Science and Engineering – Software Engineering
Address : Potheri, Tamil Nadu – 603203

Education

SRM Institute of Science & Technology, Kattankulathur	2026
B.Tech · Computer Science and Engineering Software Engineering · Chennai	8.43/10
Kendriya Vidhyalaya, Gurugram, Haryana	2020
Class XII · PCM / CBSE · Gurugram	84%
GPS International School, Haryana	2018
Class X · CBSE · Gurugram	90.25%

Experience

Studio Fov Private Limited   Oct 2024 - Dec 2024
Exclusive Executive Intern · Intern   Delhi
Built and maintained **web apps** using **React.js, Node.js, MongoDB**.
Assisted in **software management**: debugging, version control, deployment.
Worked in **Agile team**, contributing to **client dashboard project**.

Projects

SecureHer – Women Safety App | Link   Feb 2025 - Apr 2025
Flutter, Firebase | Mobile app with SOS alerts, live GPS tracking, and camera threat detection.

Pneumonia Detection using Deep Learning | Link   Jan 2025 - Mar 2025
CNN, Transfer Learning, Flask | Built X-ray classification model and deployed as web app.

Epidemic Prediction System – Nipah Virus Risk Index Mapper | Link   Apr 2025 - Jun 2025
K-Means, Geo-mapping, Flask | Outbreak risk prediction tool with clustering and interactive dashboard.

Awards

Best Innovation Award – Smart Waste Management System | Link   Dec 2022
· Department of Physics and Nanotechnology, SRM Institute of Science and
Technology

Certifications

Cisco Data Science Certification | Link   Nov 2024

Oracle Cloud Infrastructure (OCI) Certified Foundations Associate | Link   Feb 2025

Python 101 for Data Science – Certified by IBM (2025) | Link   Feb 2025

NPTEL IIT Madras - Data Mining | Link   Apr 2025

Volunteering

Savya Sanchi Rural and Urban Development Centre | Link   Feb 2024 - Jun 2024
Conducted awareness drives in tribal villages, Seoni (Madhya Pradesh)

Competitions and Key Achievements

Build with India Hackathon | Link   Jun 2024
Selected among top innovative tech projects for national-level participation 2024

Smart India Hackathon (SIH)   Mar 2024
Shortlisted by college panel to represent institution at the national level

Indian Army Technical Entry Scheme (TES)   Feb 2021
Successfully cleared the Army TES entry eligibility process for technical officers

Technical Skills

Languages and Frameworks: React.js, Node.js, Flutter, HTML, CSS, JavaScript
Programming Languages: C++, Data Structures Algorithms, Python
Tools and Technologies: Git, GitHub,Jupyter Notebook, Google Colab
Domain Knowledge: Software Quality Management, Neural Networks , MongoDB, Firebase, Vercel , Netlify
Technical Skills: REST APIs, UI/UX Design, Agile Planning, Project Management

Languages

English [Professional Working Proficiency], Hindi [Native Proficiency]

Tech Profiles

LinkedIn, GitHub, HackerRank