



# Avradeep Nayak

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## Skills

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- **Technical Skills:** ReactJs, NodeJs, ExpressJs, PHP, SQL, MongoDB, S3, APIs, Git, Linux, BunJs
- **Programming Languages:** Java, Python, GO, JavaScript
- **Certification and Coursework:** NPTEL Cloud Computing, MERN Ethnus, Data Structures and Algorithms, Operating Systems, Database Management Systems

## Education

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**Vellore Institute of Technology, Bhopal** **2021–2025**  
Bachelor's degree in Technology, Computer Science, and Engineering

**Delhi Public School, Durgapur** **2020–2021**  
Class XII, AISSCE **Percentage: 80**

## Experience

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**Full Stack Java Developer Intern, Eduskillera** **Feb 2023–May 2023**  
Kolkata, India

- Designed an E-Learning Platform to enable students to grasp new concepts and receive regular assignments.
- Established seamless connections between learners and industry experts utilizing Servlet, JSP, and SQL.
- Aimed to enhance educational reach and functionality through ongoing improvements and scalability.

**AI/ML Intern, Analyticens** **Apr 2022–Jul 2022**  
Kolkata, India

- Engineered a breast cancer prediction model with 92% precision.
- Enhanced early detection and treatment planning.

## Projects

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**TuneTailor** (Result Link) **Oct 2024–Nov 2024**

- Designed a customizable playlist generator based on user inputs like genre, language, and artist preferences.
- Integrated Python, Spotify API, and ML for music retrieval and playlist generation.
- Leveraged Daytona for setup and Docker for scalable, seamless deployment.

**FileWave** (Github Link) **Sept2024**

- Created a custom CDN simulator with load balancing, file storage, and caching using Docker to simulate private cloud functionality.
- Adopted GoLang, faced challenges with Docker volumes, network access, and file synchronization.
- Strengthened scalability, advanced caching, and security to maximize performance and protect file sharing.

**Web Developer, I-Galaxy** (Result Link) **June 2024–Aug 2024**

- Engineered backend services for a production-level e-commerce site, including registration, cart, wishlist, checkout, Invoice generations and Schema Generation.
- Applied MERN stack, Razorpay for payments, and S3 for product image storage.
- Organised to enhance user experience, optimize scalability, and integrate additional e-commerce features.

## Achievements

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**Rajasthan Police Hackathon'23, 1st Runner-up**

- Improved a website for the 1930 helpline, featuring user registration, complaint handling, AI decision-making, WhatsApp bot integration, also implemented police-verified frozen fund reporting, lawyer hiring services, and integrated fake website detection.
- Scaled nationwide, leveraged advanced AI, optimized fraud detection, streamlined legal services, and transformed digital public safety and law enforcement systems.

**Future Ready Talent by Microsoft'23, Project Selected** Study Aloud

- Initiated Study Aloud as a innovative educational platform with engaging animations and personalized sessions, aiming to scale nationwide and continuously innovate for advanced learning.