

Joney

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Education

Netaji Subhas University of Technology (NSUT)

Bachelor of Technology in Computer Science and Engineering

May 2026

New Delhi, India

Technical Skills

Languages: JavaScript, TypeScript, Python, C++, SQL

Backend: Node.js, Express.js, NestJS, REST APIs, BullMQ

Frontend: React.js, Next.js, Tailwind CSS

Databases & Infrastructure: MySQL, MongoDB, Redis, Docker

AI/ML: LangChain, RAG, LLMs, NLP, Gemini API, Hugging Face Transformers, MediaPipe

Tools & Cloud: Git, GitHub, Postman, Cloudinary, Vercel, Render

Professional Experience

Avataar Skincare

May 2026 – August 2026

SDE Intern

Delhi, India

- Independently built and shipped a production full-stack **AI Hair Analyzer** using **Next.js, React, TypeScript** and **NestJS**, taking the product from camera capture through AI analysis and report generation.
- Developed a real-time **React/TypeScript camera capture workflow using MediaPipe** face tracking to validate pose, lighting and image sharpness before sending images to the backend for AI analysis.
- Designed the **NestJS backend** for asynchronous AI analysis, using **Redis/BullMQ queues** for background processing, automatic retries and failure handling before returning results to the frontend.
- Integrated the **end-to-end scan workflow** with PDF report generation, WhatsApp sharing, QR-based desktop-to-mobile handoff and **CRM APIs**, connecting completed analyses to downstream sales workflows.
- Stack:** Next.js, React, TypeScript, NestJS, MySQL, Redis, BullMQ, MediaPipe, Gemini API

Netaji Subhas University of Technology

June 2025 – July 2025

Research Intern – AI/ML & IoT

Delhi, India

- Built **modular Python services** for an offline voice-command pipeline, integrating **speech recognition, intent classification, text-to-speech and IoT command routing** on low-power hardware.
- Integrated **Whisper-tiny ASR, embedding-based intent classification and Piper TTS** into a fully offline speech-to-command-to-speech pipeline with modular service boundaries and IoT integration.

Projects

MistBriefAI — RAG-Based AI PDF Assistant | [Live Demo](#) | [GitHub](#)

- Built a **full-stack AI document assistant** using **React, Node.js and Express**, with a Python document-processing pipeline, **LangChain-based chunking, Hugging Face embeddings and custom cosine-similarity retrieval** for grounded PDF Q&A.
- Designed an **Express/MongoDB backend** with **JWT/bcrypt authentication, 13 REST endpoints** and **asynchronous embedding jobs** with live status polling; built the **React 19 frontend** with a split-pane PDF viewer and chat interface.
- Stack:** TypeScript, React 19, Node.js, Express, MongoDB, REST APIs, JWT, Python, LangChain, Hugging Face

ATSER — AI Resume Analyzer & ATS Simulator | [Live Demo](#) | [GitHub](#)

- Built a **full-stack resume analysis platform** using **React, Node.js and Express**, with LLM-based scoring, PDF processing, authentication and per-user analysis history.
- Implemented **Google OAuth 2.0** (Passport) with cross-origin session cookies across a **Vercel/Render** deployment split, and in-memory PDF uploads streamed directly to **Cloudinary** with per-user analysis history in MongoDB.
- Stack:** React 19, Node.js, Express, MongoDB, OAuth 2.0, Cloudinary, Tailwind CSS

Achievements

- Ranked **1st of 5,974 students** at NSUT on the Naukri.com Code360 College Leaderboard by Coding Ninjas (May 2024).
- Winner, GeekStreak 2024** — 21-day Problem-of-the-Day challenge by GeeksforGeeks & Deutsche Bank.
- Solved **650+ DSA problems** across platforms (450+ on LeetCode); **NVIDIA-certified** in Fundamentals of Deep Learning.