Nitin Pramod Ranjan

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EDUCATION

VIT University, Vellore *Currently pursuing B. Tech in CSE with CGPA 8.69*

(**Coursework:** *Computational Theory, DBMS, Statistics, Calculus, Boolean and Linear Algebra, Information Security and Management, Bitcoin and block chain technologies, OS, Networks, OOPS, Web Mining, Intelligent Machines and agents, Microprocessors and their interfaces*)

Dr Ambedkar's College, Deekshabhoomi, *Graduated Senior Secondary with 89.85%* (**PCM and Electronics**),

Bhavans BP Vidya Mandir, Ashti, Nagpur *Graduated High School with 10 CGPA, 95.2%, CBSE*

SKILLS   C, Python, Data sciences, Data Visualization, Web Design and Machine Learning.

PROJECTS

- *Project ICRYM* (*Chat-bot, psychological support and counsel through software and a basic graphological tool to further the cause*), **built as a part of DBMS Course,** *ICRYM stands for "I Can Read Your Mind".*
- *Project CURIOSITY* (*Revenue Driven Web Platform for Interactive learning and support between students and teachers of the university*), **built as a part of the Lean Startup Management Course.**
- *Project Three Layered Mail Encryption Tool* (*A real-time mail encryption tool built over python Django using AES, RSA and DH to encrypt the mail, the encrypted mail and the key respectively*), **built as a part of Information Security Analysis and Audit Course.**
- **Smart Graphologist** (*Digital Image Processing and ML used to create a digital graphologist agent.*), **built as a part of Artificial Intelligence Course,** *a research paper published on the same.*

PUBLICATIONS

Image Stegnalysis through Deep Learning and LSB, IJERT, Aug 2021 (link)

Creating and Studying Graphological Agent using Artificial Intelligence, IJERT, Aug 2021(link)

THEORETICAL WORK

Studying Parallelisation of Smith Waterman Algorithm, *for the Parallel and Distributed Computers Course* *Report | Article*

ACHIEVEMENTS

1st Prize in **story writing competition** *organized by School of Languages and Social Sciences, VIT, Vellore.*

In Top-30 in **Smart-Internz and Tableau's DataViz Challenge 2020**

Appreciation Letter from NIF, MHRD, Government of India and **Rajyapal Scout Badge** *awarded in 2015.*

CO-CURRICULAR

Smile Over Stress (University Psychology Club) (*First Editorial Head, June 2020-Jan 2021*)

Content Writing Intern at Hariyali (*July 2021*) (*link*)

PERSONAL DETAILS

Bilingual Proficiency in **Hindi and English** *with* **elementary proficiency in Japanese**

Hobbies include Writing, Poetry, Reading, Mythology and History