

J Nithin Joel

Tech Enthusiast | Developer
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EDUCATION

Vellore Institute of Technology (VIT)
Integrated M.Tech in Computer
Science and Engineering (Data
Science)
2022 – 2027 | Vellore, TN
CGPA: 7.73

LINKS

GitHub:// NithinJoelJ
LinkedIn:// nithinjoelj
YouTube:// Nithin Joel
Portfolio:// nithinjoel.web.app

COURSEWORK

CORE SUBJECTS

Cryptography & Network Security
Machine Learning
Data Science Tools & Techniques
Cloud Computing
Database Management Systems
UI/UX Design & Prototyping

SKILLS

PROGRAMMING

Languages:
Python • JavaScript • Dart • SQL
Frameworks/Tools:
React • Flutter • Firebase
Figma • Streamlit • AWS • GAE
Other:
Jupyter • MySQL • Git

LANGUAGES

English • Tamil

EXPERIENCE

YOUTUBE CLONE PROJECT | FRONTEND DEVELOPER

June 2024 – July 2024

- Built a YouTube clone using React and Firebase.
- Integrated video streaming, user authentication, and dynamic video loading.
- Focused on responsive UI and smooth user experience.
- Demo: <https://yt-clone-by-joelel.web.app/>

PARKINSON'S DISEASE DETECTION | MACHINE LEARNING PROJECT

April 2025 – May 2025

- Created an SVM classifier using vocal frequency data from Kaggle.
- Achieved 88% accuracy in detecting Parkinson's Disease.
- Preprocessed audio features for real-world application use.

RESEARCH

SSRN – ELSEVIER PUBLISHING PLATFORM | RESEARCH AUTHOR

- **Paper 1:** *Employee Data Insights using Gemini Pro and Streamlit*
[Link to Paper](#)
- **Paper 2:** *From Sci-Fi to Reality: Wearable Technology Evolution*
[Link to Paper](#)

AWARDS

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|------|--------------|---------------------------------------|
| 2025 | SSRN Author | 2 Technical Research Papers Published |
| 2025 | ML Project | 88% Accuracy on Parkinson Detection |
| 2025 | App Showcase | Selected for Internal Hackathon |

PUBLICATIONS

- Nithin Joel J, *Employee Data Insights: A Chat-Based Analysis App*, SSRN, 2024. [Link]
- Nithin Joel J, *From Sci-Fi to Reality: The Journey of Wearables*, SSRN, 2024. [Link]