

# 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-joel.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

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. [\[Link\]](#)