Varun Viswabrahmana

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Linkedin   **Github**

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
Integrated MTech (5years) Software Engineering	Vellore Institute of Technology (VIT), Vellore	7.64	2020-2025
Senior Secondary	TSBIE Board	91%	2018-2020
Secondary	BSEAP Board	9.8	2018

EXPERIENCE

Full Stack Developer, Info Tech Brains   Sep,2025 - Present

- Built a full-stack Restaurant Management Platform for menus, orders, KOT, and payments with real-time updates to streamline restaurant operations.
- Developed reusable shadcn/ui components and scalable backend APIs using React Context, **Prisma ORM**, and MongoDB for efficient state and data management.
- Implemented automated testing using **Cypress** and **Mocha** to validate core user flows, API response and critical restaurant operations, improving reliability and reducing regressions.

PROJECTS

Next.js-Powered E-Commerce Platform   **Project Link**

- Developed a full-stack e-commerce platform that enables users to browse products, register, log in, and view product details dynamically. Improved performance, SEO, and page load speed using Next.js Server-Side Rendering (SSR).
- Made using: Next.js, React, Node.js, Express.js, MongoDB, Postman

Chicken Disease Detection Using MLOps

- Built a machine learning pipeline to detect chicken diseases from images, helping farmers take early preventive actions. Implemented automated MLOps pipelines for training, evaluation, and deployment.
- Made using: Python, TensorFlow, Neural Networks, Scikit-learn

Enhancing Educational Geodemographic Classification with Graph Neural Networks

- Built a GNN-based geodemographic classification model using GCN/GAT to analyse educational outcomes. Processed and engineered large datasets with Pandas and NumPy and constructed graph structures using NetworkX.
- Made using: Python, PyTorch, Pandas, NumPy, Matplotlib

TECHNICAL SKILLS

Programming: Python(familiar), Java
Development: HTML, CSS, JavaScript, TypeScript, MERN Stack, REST API, CI/CD
CS Subjects: DSA, OOPS concepts, SDLC, Big Data, Data Analysis (ETL), Agile Methodologies
AI/ML: ML Models, Deep Learning Models, Neural Networks, NLP
Databases: MySQL, MongoDB
Testing: Cypress, Selenium, Mocha, Chai
Soft Skills: Problem Solving, Teamwork, Time Management

LANGUAGES

- English
- Kannada
- Telugu

INTRESTS

- Exploring and applying AI/ML technologies to real-world problems.
- Building modern web applications through hands-on projects.