IMMANUVEL B

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SUMMARY

Full-Stack Developer with hands-on experience on **React.js**, **Next.js**, and modern web technologies to deliver engaging user experiences. Skilled at building highly scalable applications, seamlessly integrating AI/ML, and crafting reusable UIs with cutting-edge libraries.

SKILLS

- **Frontend**: React, Next.js, Tailwind, TypeScript, Redux, Shadcn, Material UI
- **Backend:** Node.js, Express.js, RESTful APIs, Python
- **Databases:** MongoDB, MySQL (RDBMS)
- **AI/ML:** Python, TensorFlow/Keras (Applied in projects), Pandas/NumPy
- **DevOps / Tools:** Git, GitHub Actions (Basic CI/CD), Postman, Jira
- **Programming:**
  - Python (Strong: 8/10)
  - JavaScript (Strong: 9/10)
  - Java (Learning: 6/10)

PROJECT EXPERIENCE

- ❖ **Automated Pneumonia Screening via X-Ray Imaging and Deep Neural Networks**   *l Jun 2025*
  - Tech: Python, TensorFlow, Flask, OpenCV (Basics)
  - Diagnosis with X-ray is often manual and error prone.
  - Trained a CNN model using TensorFlow to classify chest X-ray images (binary: pneumonia/healthy).
  - github.com/Inman2004/pnuemoscan **- *(Source Code)***
  - https://pneumoscan-b9wv.onrender.com/ **- *(Live Demo)***
- ❖ **MERN-Stack Social Media Application /** *Nov 2021 – Jul 2022*
  - Developed a full-stack app using React.js, Node.js, MongoDB.
  - Built Reusable & Responsive UI with React and Tailwind.
  - Implemented secure (Hashed & JWT) authentication and REST APIs from scratch.
  - Deployed on GitHub, managed CI/CD with Git.
  - github.com/Inman2004/pancake **- *(Source Code)***

  <-- Please check-out my portfolio for more latest projects and progress -->

EDUCATION

- **Bachelor of Engineering (B.E), Computer Science**
  Anna University – affiliated college | *2022 – 2025*
- **Diploma in Computer Engineering**
  MSPVL Polytechnic College | *2019 – 2022*

Courses

- **Python Programming** – Courses & Internships
- **Data Science / Big Data** – Naan Mudhalvan | Infosys Springboard
- **Frontend Fundamentals, React.js, Next.js** – JS Mastery, Udemy
- **UI/UX Design –** Growth School

LANGUAGES

- **English** – Professional Proficiency
- **Tamil** – Native Fluency