

NITHISH RAVICHANDRAN

8098013696 | nithish10personal@gmail.com | Chennai / Trichy

LinkedIn: [linkedin.com/in/nithish-ravichandran-175520224/](https://www.linkedin.com/in/nithish-ravichandran-175520224/) | GitHub: github.com/Nithish-r-k

PROFESSIONAL SUMMARY

Aspiring software engineer with strong foundations in **Full-Stack Development**, **AI/ML**, and **Cloud Computing**. Skilled in building scalable applications, deploying ML models, and integrating APIs. Certified in **IBM AI**, **AWS**, and Oracle Cloud, with hands-on project experience in automation, IoT, and web applications.

TECHNICAL SKILLS

- Languages: Java, Python
- Frameworks/Libraries : React.js, Flutter, Streamlit, WordPress
- Agentic AI Framework : LangChain
- DevOps: Docker
- Databases: SQL, MySQL, MongoDB

EXPERIENCE & INTERNSHIPS

Machine Learning Engineer Intern – VCodez, Chennai (Jul 2025 – Sep 2025)

- Preprocessed large datasets and implemented ML models with **TensorFlow**, **PyTorch**, and **Scikit-learn**.
- Conducted **testing/debugging** and collaborated with teams to translate business needs into technical solutions.
- Built and optimized models on Jupyter Notebooks & Google Colab, enhancing prediction accuracy by **15%**.

Full Stack Developer Intern – AICL Technologies, Chennai (Mar 2023 – Apr 2023)

- Developed and deployed 7+ web applications including, **Portfolio**, **Task Manager**, **Weather App**, **Job Portal**.
- Integrated APIs (e.g., **OpenWeatherMap**) and built responsive and semantic UI using **HTML**, **CSS**, and **Python**.
- Managed version control via Git & GitHub, ensuring feature traceability and smooth collaboration.

PROJECTS

- **Auto Test Case Generator – Streamlit + GPT-3.5** tool that generates unit test cases, reducing QA manual effort by 40%.

- **Smart Student Management – Java-based** Student Management System using JDBC + MySQL, enabling admin login, CRUD, search, statistics, and CSV export for student records.
- **NS2 Midgets (E-commerce Website) – WordPress** -based marketplace for vintage miniature cars, integrated payment gateway.
- **Night Patrol Vision Robot – IoT-based robot** using ESP32-CAM + sensors, capable of surveillance and intrusion detection.
- **Job Portal Application – Flask-based platform** with dashboards for Employers, Jobseekers, and Admins.
- **Weather App & Task Manager – Python + Flask** projects with real-time API integration and task automation.

EDUCATION

B.Tech in Information Technology – Panimalar Institute of Technology – 2025 (84%)

12th (CBSE) – Sai Vidyalaya CBSE School – 2021 (93%)

10th (CBSE) – Sai Vidyalaya CBSE School – 2019 (67.2%)

CERTIFICATIONS

- **IBM SkillBuild: Machine Learning to Generative AI** – Feb 2024
- **IBM Enterprise Design Thinking (Practitioner, Co-Creator, Team Essentials)** – Mar 2024
- **Oracle Cloud Infrastructure GenAI Certified Professional** – Mar 2024
- **AWS Cloud Practitioner Essentials** – Sep 2024
- **MongoDB Node.js Developer Path** – Sep 2024
- **Connecting to MongoDB Database** – Sep 2024

PERSONAL DETAILS

Date of Birth: 10 March 2004

Gender: Male | **Nationality:** Indian | **Marital Status:** Single

DECLARATION

I hereby declare that all the information provided is true to the best of my knowledge and I remain committed to carrying out my responsibilities with professionalism and integrity.

– Nithish Ravichandran