

Dhanush N

"Revving up for Real-World Experience: Seeking Job Opportunities!"

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[Linkedin](#) [GitHub](#)

EDUCATION

Jansons Institute of Technology

Coimbatore, Tamil Nadu

- **B.E Computer Science and Engineering**
 - CGPA - 8.32

2020 - 2024

PROFESSIONAL EXPERIENCE

HUAWEI TECHNOLOGIES

Remote

● Huawei Community Intern Developer

January 2022 - July 2022

- Built Android Applications using HMS kits and Java to showcase capabilities in the official documentation.
- Created tutorials & published articles promoting HMS kits.
- Conducted Workshops for over 300 college students, and trained them on HMS kits.
- Led a team of 3 in building applications with HMS kits, fostering collaboration.

SCHOOL OF FITNESS

Remote

● Word Press Site developer - [\[link\]](#)

August 2022 - December 2022

- Built website from scratch, deployed and maintained the server.
- Utilized Agile process for development, delivering website in less than 10 days.
- Achieved a 30% increase in the organisation's admission through effective promotion of the new website.
- Digitized and promoted the company online, resulting in a 50 % increase in admission enquiries.

SKILLS

- **Languages:**
 - **Working Proficiency :** Python, Java, HTML, CSS, MySQL.
 - **Intermediate:** Flutter, Dart, SQLite.
- **Miscellaneous :** Git + GitHub.
- **Tools :** Android Studio, IntelliJ IDEA, Visual Studio Code, PyCharm.

PROJECTS

Hydro Analyser - [\[link\]](#)

Tech Used : Python, PySide6, QSS [Styling sheet for Qt Framework]

- First open-source cross-platform desktop application for analysing and optimising groundwater pumping tests.
- Calculates the transmissivity and storativity of an aquifer using input data and generates a report for analysis.
- Automated the fitting of input data with the Theis curve to estimate aquifer parameters.

Live Electric Vehicle Data Time Series Forecasting- [\[link\]](#)

Tech Used: Python, Grafana Dashboards, Grafana cloud, Influx DB

- Decoded the Controller Area Network (CAN) raw data by utilizing a DBC file to obtain the actual values.
- Uploaded the data to a cloud-based database named Influx Database by using Python.
- Created and deployed a dashboard using Grafana on the Grafana cloud that forecasts data lively from the cloud database.

Furn-Fit

Tech Used : Java, HMS kits, XML

- An AR-based room decorating app for Huawei devices for easy and realistic space decoration.
- Utilised HMS kits such as Account, Ar engine, and Scene Kit to create a high-quality user experience.
- Employed user-centred design principles to create an intuitive interface and navigation.
- Collaborated effectively with team members and mentors for the successful development and publication of the app in the Huawei app gallery.

CERTIFICATIONS

- MACHINE LEARNING SPECIALISATION BY DEEP LEARNING.AI - [\[link\]](#)
 - SUPERVISED MACHINE LEARNING : REGRESSION AND CLASSIFICATION - [\[link\]](#)
 - ADVANCED LEARNING ALGORITHMS - [\[link\]](#)
 - UNSUPERVISED LEARNING : RECOMMENDERS, REINFORCEMENT LEARNING - [\[link\]](#)

- MATHEMATICS FOR MACHINE LEARNING SPECIALISATION BY IMPERIAL COLLEGE - [\[link\]](#)
- AWS ACADEMY GRADUATE - AWS ACADEMY CLOUD FOUNDATIONS - [\[link\]](#)
- AWS DEEP RACER: DRIVEN BY REINFORCEMENT LEARNING - [\[link\]](#)
- HMS FOUNDATION COURSE EXAM - [\[link\]](#)

LEADERSHIP & VOLUNTEERISM

- **Intel Student Ambassador for OpenVino:** *May 2022 - Present*
 - Represented Intel Corporation on campus, promoting their products and services to students and faculty
 - Led Informational sessions and workshops on OneApi and Open Vino
 - Collaborated with other student ambassadors to develop and execute marketing strategies.
 - Assisted in planning and executing events and campaigns, including hackathons and social media contests.
- **Huawei Student Developers Ambassador:** *May 2022 - Present*
 - Conducted workshops on HMS kits for 100+ college students
 - Contributed to the development of HMS kits by providing feedback to Huawei's Development team.
- **Geeks for Geeks Campus Mantri:** *June 2022 - Present*
 - *Implemented social media marketing strategies to increase brand awareness*
 - *Promoted GFG's offerings to student audiences, resulting in heightened interest and engagement with the organisation.*