

Fayaz Parris H

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EDUCATION

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| B.M.S College Of Engineering <i>Bachelor of Engineering in Electronics and Communication, Minor in Data Analytics</i> | Bangalore, KA <i>Jul 2021 – Jul 2025</i> |
| St Claret Pre-University College <i>Pre-University Education in PCMB</i> | Bangalore, KA <i>Jun 2017 – Mar 2019</i> |
| Princeton Public English School <i>School education</i> | Bangalore, KA <i>Jun 2007 – Mar 2017</i> |

EXPERIENCE

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| Design Engineer Intern <i>Live-on Technolabs</i> | April 2024 – July 2024 <i>Bangalore, KA</i> |
| <ul style="list-style-type: none">Developed a Working Log-Periodic Antenna along with its fabrication under anechoic chamber testingAttended Client Meetings from various domain related to Electronics, Mechanical, SoftwareExplored ways to visualize Business Model and marketing strategies | |
| Machine Learning Intern <i>VR Academy</i> | Sep 2023 – Mar 2024 <i>Bangalore, KA</i> |
| <ul style="list-style-type: none">Developed and deployed machine learning modelsCollaborated with cross-Function Teams to identify Business ChallengesPreprocessed and analyzed large datasets by applying various techniques | |

PROJECTS

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| Intelligent Surveillance Camera <i>C++, IOT, Sensors</i> | May 2023 – Oct 2023 |
| <ul style="list-style-type: none">Designed and implemented an intelligent surveillance system using Raspberry Pi 3B+, IR sensors, HC SR-04 to provide real-time monitoringEnhanced security monitoring by integrating motion detection, proximity sensing, and image capture featuresOptimized system efficiency by developing a low-power, cost-effective solutionImproved reliability and accuracy through advanced sensor calibration and multi-sensor function | |
| Cognitive Radio Networks <i>Python, React, OGD, SDR</i> | Sept 2024 – Dec 2024 |
| <ul style="list-style-type: none">Developed a Complete Application for Cognitive radio network for better coverage and accessibility of 5G networks which are High demand todayImplemented TensorFlow AI algorithms for better analysisVisualized Network Analogy Platforms using CollabUsed Tkinter tools for 3d visualization tasks | |
| Smart Mirrors <i>JavaScript, HTML/CSS, Node JS, API, GCP, Git, OpenAI</i> | Jan 2025 – Present |
| <ul style="list-style-type: none">Developed a Complete Application Using Electron JS and created a Smart touch Display for clean and Minimalistic User Interface and Functional ModulesIntegrated Google SDK for Voice Assistant and Services using API keys and Credentials JsonDesigned a smart mirror with modular and scalable approach using E waste componentsSuccessfully Configured and deployed the mirror using Rpi OS and demonstrating effective use of available resources | |

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, HTML/CSS, JavaScript, Node JS, React JS, Bash
Frameworks: McKinsey 7S, Value chain, BCG Matrix, SWOT, ATS, SnowBoy, Porcupine, Google Assistant SDK
Developer Tools: PowerBi, Tableau, Google Cloud, VS Code, Visual Studio, PyCharm, IntelliJ, Electron JS, Git
Libraries: pandas, NumPy, Matplotlib, Scikitlearn, pm2, Opencv-Python, Npm