ROHAN RAJ B | +91 7829164396 | iamrohanraj6@gmail.com | Bangalore, India | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY:

Dynamic and results-oriented Bachelor of Technology in **Electrical and Electronic Engineering (2022)** graduate with 6 months of hands-on-experience in **Full Stack Python Programming**. Eager to embark on a carrier in the **IT industry** as a Software Engineer/Developer. Seeking opportunity in a forward-thinking organization to contribute skills and innovation.

TECHNICAL SKILLS:

- **Backend –** Python Programming language, Django
- **Version control** – Git/GitHub
- **Database –** Microsoft SQL, MongoDB (CRUD), DAX (Data Analysis Expression)
- **Analytics & Other tools –** Basic Microsoft Power BI, Microsoft Excel, Visual Studio. Extract, Transform, Load (ETL),
- Data Modeling, Data Visualization, Power Query, Reporting and Analysis, Query writing.

SOFT SKILLS:

- Problem solving, Critical thinking, Watching Sports and News, Exercise.

PERSONAL/FINAL YEAR PROJECTS:

Excel Financial Analytics ([Link](#))   SEP 2023 – OCT 2023

- ❖ **Role of Report -** Determine effective customer discounts, facilitate negotiations with consumers, and identify potential business expansion opportunities in promising countries.

- ❖ **Purpose of sales analytics -** Empower businesses to monitor and evaluate their sales activities and performance.

- ❖ **Importance of analyzing sales data -** Identify sales patterns and track key performance indicators (KPIs).

My Portfolio ([Link](#))   AUG 2023 – SEP 2023

- ❖ The website is designed to be responsive, ensuring a seamless and user-friendly experience across different devices and screen sizes. This is achieved through the use of the **<meta>** tag for viewport settings and the inclusion of separate stylesheets for desktop and mobile views (**style.css** and **mediaqueries.css**).

- ❖ The website features a navigation menu with links to different sections such as "About," "Projects," and "Contact." There are two navigation menus: one for desktop (**desktop-nav**) and another for mobile (**hamburger-nav**). The mobile menu is toggled by a hamburger icon.

Pre-fire Detection with Early Notification using Machine Learning and IoT   DEC 2021- JUL 2022

- ❖ Implemented IoT devices, including **sensors and cameras**, strategically placed in targeted areas prone to fire risks. Established seamless communication between IoT devices and a central server to ensure **real-time data** collection and analysis.

- ❖ Employed advanced **ML algorithms** for fire detection, utilizing image recognition and sensor data analysis. Trained models to accurately identify potential fire indicators, minimizing false positives and enhancing overall system reliability.

- ❖ Engineered an early notification system to alert relevant authorities and stakeholders promptly. Integrated machine learning predictions with the **IoT infrastructure** to trigger immediate notifications in the event of a potential fire threat.

EDUCATION:

- B.Tech. in EEE from REVA university | BANGALORE | AUTONOMOUS | **CGPA 7.0/10**   Aug 2018 - Aug 2022
- 12th in Science (PCMB) from CNC PU College, CHITRADURGA | KSEEB | **78.00%**   Jun 2016 - May 2018
- 10th from Jnana Bharathi Vidya Mandira, CHITRADURGA | KSEEB | **83.84%**   Jun 2015 - May 2016

COURSES / CERTIFICATIONS: ([Link](#))

- **PYSPIDER**: Python Full Stack Development.   Nov 2022 - Jul 2023
- **UDEMY**: The Web Developer Bootcamp.   Dec 2022 - Apr 2023