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| GUNABALAN G |  | **CONTACT**  **Email**: [gunabalan0411@gmail.com](mailto:gunabalan0411@gmail.com) **Phone**: (+91) 8825419713  **LinkedIn**: <https://www.linkedin.com/in/gunabalan0411/> |
| **Data Scientist 2** |  | **WORK EXPERIENCE** |
| Experienced professional proficient in senior data science, AI development, and full-stack application development. Skilled in leveraging data and technology to drive innovation and solve complex problems and eager to contribute to challenging projects.  **SKILLS**   * Problem solving * Developing * Strategy/ Planning/ Architecting * Story Telling * Cyber security.   **TOOLS/ TECH**  **Python**   * Data Processing Algorithms * logic optimization * Automation on (MS Office) * Data Structure * API handling * Multi-threading/ load balancing * Full Stack development   **Machine Learning/ NLP**   * LLM Finetuning * Chat Applications * Scalable AI Model Building   **SQL**   * Spark, SSMS, PostgreSQL   **Azure Databricks**   * Modeling & Job Scheduling   **Dashboarding**   * Power BI (End to End)   **Secondary Skills:**   * GitHub, Docker, and Kubernetes Java **(**Full Stack), MERN Stack   **COURSES DONE:**   * HP Yellow Belt Lean Six Sigma |  | HP Inc - Data Scientist 2 **Apr 2023– Present**  ***Project***: ***CX Copilot (Chat Application)***  Designed a Chat Bot Application to address inquiries concerning CX Data by conducting in-depth data analysis across various layers and mapping relevant nodes.  ***Role***: Architectural design, End-to-end Development and Cybersecurity.  ***Innovation***: Achieved **enhanced scalability** of domain specific GPT, enabling processing of billions of texts and numerical data rows within minutes.  ***Benefit***: Reduced API usage costs from ***$13,000 to $235*** annually.  ***Other Projects***: Automated E2E CX PowerBI Dashboard Implementation.  **HP Inc - Data Scientist**  **Sept 2021 – Apr 2023**  ***Project***: ***Statistical Process Control Chart Automation***  Developed a Python automation script for analyzing data, detecting anomalies, and identifying root causes, delivering research findings to stakeholders automatically.  **Role**: Planning and Development.  ***Benefit***: Save **3 Hours** of manual work per day.  ***Project***: ***HMTC (Hierarchical Multilabel Text Classification)***  Implemented an HMTC model providing deep insights in a visually comprehensible 3-dimensional tree shape, aiding stakeholders in identifying root causes effectively.  ***Role***: Planning and Development  ***Benefit***: Saved **463 business days** per year.  ***Other Projects:*** Conducted 31 data analytics tasks, including Burning Platform analysis, context-based word clouds, and Python ETL automation across various databases.  **HP Inc – Data Analytics Intern**  **Feb 2021 - Sept 2021**  ***Project***: ***Customer Obsession Gamification***  Developed an interactive 2D adventure game aimed at enhancing stakeholders' and data analysts' understanding of customer experience and fostering collaboration for its improvement.  ***Role***: Architectural design and development  ***Benefit***: Improved Customer Experience.  **EDUCATION** |
| **LANGUAGES:**   * English (Proficient) * Tamil (Native) * Hindi (Basic)   **FREE TIME ACTIVITIES:**   * Tech blog/ book read/ practice. * Workout and Movies |  | ***College***: Pondicherry Engineering College  Bachelor of Technology in Information Technology  ***CGPA***: **9.3**/ 10.0  ***Project: Context Aware Multi-Domain Security System***  Developed a security system that authenticates users based on contextual and environmental factors.  ***Role***: Architectural design and Development  ***HSC***: **95% *SSLC:*** **98%** |