**Sreekanth Potlabathini**  
2020 Bathurst St, Toronto, ON M5P 0A6 | +1 (807) 842-5507

[srikanth.potlabathini@gmail.com](mailto:srikanth.potlabathini@gmail.com) │ [www.linkedin.com/in/potlabathini](http://www.linkedin.com/in/potlabathini) │ <https://github.com/sriku2412>

**EXPERIENCE**

**Soralink – Montreal, Canada**

*Lead Data Scientist – Predictive Analytics May 2024 – Present*

* Improved anomaly detection accuracy by 30% using ML models (supervised/semi-supervised) with targeted feature engineering. Built pipeline, cloud run jobs with experimentation recorded and used.
* Boosted labeling efficiency for better anomaly detection via rule-based dynamic thresholding and weekly cron updates; increased prediction accuracy by 22% over a steep learning curve within 3 months.
* Deployed end-to-end MLOps: GitHub Actions, CI/CD, MLflow, automated model tracking and drift alerts using observability dashboard & log traces.
* Scaled deployments on AWS & GCP using Docker, Kubernetes, SQL for data querying and preprocessing, Cloud Run for automation, and Pub/Sub for tracking and triggering events like CI/CD & dashboard refresh.
* Versioning of models with model registry and artifact registry for differentiating experimentation and applied models thereby building a product architecture that resonates with automation, scaling and extendable.
* Built Gmail API pipeline + Flask chatbot for client alerting; reduced response time by 35%.
* Created Grafana dashboards to predict battery life and auto-schedule maintenance visits.

**Dataraction (Internship) – Toronto, Canada**

*Tech Consultant – Job Recommendation System Sept 2023 – Apr 2024*

* Built NLP + clustering pipelines and dashboards for LLM-based resume-job matching.
* Built a SFT model hosted on Hugging Face - sriku2412/unsloth\_SFT\_dotsLive (public)
* Integrated with optional GPT-3.5, Llama2, and Mistral 7B using Langchain, with vectors on Pinecone.

**Startup.club (Internship) – Toronto, Canada**

*MLOps Engineer – Proposal Gen & Chatbot (RAG) Jan 2024 – Apr 2024*

* Deployed CI/CD-ready models to extract business insights from SQL.
* Built and launched a RAG-based chatbot using LlamaIndex (Node.js + React.js).
* Added voice interaction and hosted live on AWS. Link: <https://startup.club/ask-ai/>

**Hyundai Motor India Engineering – Hyderabad, India**

*Senior Research Engineer Apr 2021 – Aug 2022*

* Led fuel system strategy across markets; improved design using analytics.
* Achieved ₹1.2 Cr in cost savings through tank design innovation.
* Built complete fuel & urea system for Hyndai venue, Kia sonnet & Kia sorento(urea),

*Deputy Manager* *Apr 2016 – Apr 2021*

* Filed 4 patents; achieved 105% cost and 103% weight targets in vehicle design.
* Led as both system designer and in-house certified trainer (Dale Carnegie).
* Designed patented diesel filter for Kia sportage with highest replacement period of 100K kms.

*Research Engineer & Assistant Manager* *Sep 2010 – Apr 2016*

* Led diesel filter system dev at Hyundai HQ (South Korea).
* Presented thesis on urea icing and collaborated with global OEMs.
* Designed components for suspension, steering, brake & engine MTG with design kinematics.

**EDUCATION**

**Schulich School of Business, York University** Toronto, ON  
*Master of Business Analytics*  *May 2023 – Apr 2024*

* Elected Cohort Representative (Graduate Business Council)
* Member: Schulich AI & Analytics Society (SaaS), Case Analysis Club
* GPA: 6.8
* Dual Internships: Tech Consultant @ dotslive & MLOps Engineer @ startup.club

**Seneca College** Toronto, ON  
*Graduate Certificate: Financial Planning* *Sept 2022 – May 2023*

* GPA: 3.8 | President's Honour List
* Registered for CFA level 1 exam

**Jawaharlal Nehru Technological University** Hyderabad, India  
*Bachelor of Technology: Mechanical Engineering*  *May 2006 – Jun 2010*

* GPA: 74.6% | Final year project: “D\_CVT” (innovative concept)
* Top 5% in department with recognitions from HOD (Ch Nookaraju)

**TECHNICAL SKILLS**

**Languages & Tools:** Python, SQL, scikit-learn, pandas, NumPy, matplotlib, seaborn, statsmodels  
**ML Ops & Cloud:** MLflow, Airflow, S3, EC2, SageMaker, GCP, AWS, Docker, Kubernetes, Git, CI/CD  
**Frameworks:** Flask, FastAPI, Langchain, LlamaIndex, TRL, Node.js(basics), React.js(basics)  
**Other:** Tableau, CATIA V5, Ansys, GD&T, PLM, Project Budgeting

**PROJECTS & ACHIEVEMENTS**

* **Featured in Hyundai's Quarterly Magazine** for mentoring/training
* **Certified Trainer** – Dale Carnegie (Train the Trainer, 2020)
* **Patents:** US20170175911A1, US10500949B2, DE102017222785A1, US10632838B2
* **Awards:** Winner of INVENSIAD 2016 (Best Invention Idea, Hyundai Motor Group R&D)

**Referral letters and contacts will be provided for verification.**