

SURESH RAJA SELVADURAI

[in LinkedIn](#) | [GitHub](#) | sureshrajaselvadurai.com | sselvadurai@dons.usfca.edu

📍 San Francisco, CA | 📞 +1 628-688-5696

Skills

- Java | Node.js | Kotlin | Spring Framework | Python | Django | MongoDB | MySQL | React | Groovy | Shell Scripting | MATLAB | Git
- AWS | Cloud Computing | DevOps | Android-Dev | Jest | Bootstrap | Boosting Algo | Predictive Modeling | Optimization | Graph Database
- Microservices | Digitization | Automation | OCR | Fintech Modelling and Analytics | Full-Stack | Web Scraping | Machine Learning

Education

- **University of San Francisco** San Francisco, California, USA **08/2023 - Present**
Master of Science, Computer Science
- **Indian Institute of Technology, Patna** Patna, Bihar, India **08/2014 - 08/2018**

Experience

5 Years, 3 Months

KPMG | Consultant, Data Science and AI | Bengaluru, Karnataka, India **11/2020 - 08/2023**

- Contingent worker - Center of Excellence - **Goldman Sachs**
- Led the design and development of an automated multiple enterprise-level microservice applications for Fee Commission and Brokerages unit of Goldman Sachs, saving \$25 million of revenue every year using the latest technologies of **Spring Framework, JAVA, BPMN, DB, Mockito, AWS** and **Key Vault**.
- Designed and implemented scalable APIs and background workers for risk and review analytics using Spring Framework and **Kubernetes**, that checks thousands of trade requests daily. **React framework** was used to develop the interface to provide an easy GUI for exception handling and risk management.
- Led the development of several products E2E, from identifying system requirements and partner dependencies to workload balancing, software implementation, engineering, testing, and configuring metrics, monitors, and dashboards.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.
- Promoted with a 23% hike (4 rating) in recognition of outstanding contributions.

KISSHT | Data Scientist | Mumbai, Maharashtra, India **12/2019 - 11/2020**

- Built credit risk models for instant loan applications, enabling the disbursement of millions of USD daily to low credit and first-time credit users using machine learning (**Xgboost, Decision trees**).
- Developed a post-Covid model with 80% AUC, aiding the company in navigating the new challenges posed by the pandemic.
- Took on lead roles in the end-to-end data department with handling collection, attrition analytics and credit model deployment including **A/B testing, feature engineering**, and post production analytics..
- Promoted with a 22% hike during a Covid year.

NAMEKART | Domain Name Analyst | Noida, Uttar Pradesh, India **07/2018 - 11/2019**

- Automated lead generation and contact-finding processes, increasing productivity from 200 to 10,000 domains processed per day using **Selenium**. System finds leads and their contact and verifies the same using **Web scraping** and **Whois**.

RUHR-UNIVERSITÄT BOCHUM | Research Intern | Bochum, Germany **06/2017 - 07/2017**

- The concept of double layer was used to study and create computational models in **MATLAB** to analyze properties subjected to various cases and environments.

Others

- **Publications** - Compressibility Behavior of Bentonites by Stern Theory based on Constant Surface Charge Conditions
- **English, Tamil, Hindi** – All professional proficiency or above.
- **Sole Marketing and Sponsorship Coordinator, Anwesha College Fest, IIT Patna** - Increased funding by 40% (30M INR).
- **Licenses & certifications** - Meta Front-End Developer, Google IT Automation with Python, IBM Machine Learning, Google Data Analytics