

PRAMOD PADMAKAR NAGARE

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Portfolio: <https://www.pramodnagare.com> | Linked In: <https://www.linkedin.com/in/pramodnagare/>

EDUCATION

Northeastern University, Boston, MA. | MS in Information Systems | Graduation: Dec 2019 | GPA: 3.53/4.0

Major Courses: Artificial Intelligence, Advanced-Data Science, Business Intelligence & Data warehousing, Engineering of Big Data Systems, Cloud Computing and Containerization, and Application Engineering & Development

WORK EXPERIENCE

Senior Data Engineer | Institute of Experiential AI, Northeastern University

Jun 2022 - Present

- Built data infrastructure and data pipelines for data science use cases
- Assisted junior data engineers with technical challenges and code reviews
- Effective communication with Research scientists for the internal research projects
- Conducted technical sessions for the internal team for innovative thinking

Senior Data Engineer | Amgen Inc.

Nov 2021 – Jun 2022

- Designed **scalable architecture and Data Lake** solutions for Enterprise-wide Data
- Developed complex data pipelines integrating various data sources across the enterprise
- **Built automation** for Dynamic Databricks cluster configuration utility **saving ~ 40% of infrastructure cost**
- Mentored junior data engineers, code review, and drove technical certification drive across the team
- **Led onshore and offshore (contractors) teams with agile project implementation** and timely deliverables

Software Engineer Lead | Capgemini America, Inc.

Feb 2020 – Nov 2021

- Effective collaboration with the Data Science and Business team to understand the use cases and designed the scalable data-driven solution
- Designed and developed cloud-based Architecture on GCP and Azure infrastructure for different clients
- Built multi-terabyte scalable Databricks pipeline in PySpark to drive forecasting data science applications
- Implemented end-to-end CICD and unit testing framework for PySpark development

Machine Learning Engineer | AI Foundry

Jan 2019 – Aug 2019

- Designed and **developed deep vision, and, neural network models**, for document image classification
- Implemented a **10x faster and more reliable computer vision solution** for the image processing
- Automated keyword image data collection for classification model with the semi-supervised solution
- Developed a core software algorithm in Python for document key-value extraction and association
- Represented the **development team in POC meetings** with clients and the sales team

Senior Systems Engineer | Infosys Limited, India

Jul 2014 – May 2017

- Developed multiple interactive dashboards and reports in MicroStrategy for **Enterprise data analysis**
- Implemented Data Integration ETL workflows from the various data source to Data Warehouse using Talend and SSIS
- Presented **monthly Infrastructure metrics** to clients with **proven strategic solutions** for resource optimization
- Improved report execution with **SQL optimization and process improvement** using automation
- Automated object migration using MicroStrategy tools and VB Script resulted in **saving 1000+ hours** and related costs with **improved customer satisfaction**

CERTIFICATIONS

- **Astronomer Certification for Apache Airflow Fundamentals**
- **Google Cloud Certified Professional Data Engineer**
- **Databricks Certified Associate Developer for Apache Spark 3.0**

TECHNICAL SKILLS

- Cloud Platforms: **Microsoft Azure, Google Cloud Platform, Amazon Web Services**
- Programming Languages: **Python, Java, SQL**
- Data Science Packages: **CV, NumPy, Pandas, Scikit-Learn, Matplotlib, NLTK, TPOT, H2O, Keras**
- Business Intelligence Tools: **Tableau, Power BI, MicroStrategy**
- Databases Systems: **Redshift, MySQL, MSSQL, Big Query, MongoDB**
- Big Data Technologies: **Hadoop, Spark, Big Query, HBase, Hive, Pig**
- CICD technologies: **Docker, Kubernetes, Ansible, Jenkins, Circle-CI, GitHub**