

# Amit Anantrao Patil

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## EDUCATION

### California State University, East Bay, Hayward, California

August 2023 - May 2025

Masters of Science in Computer Science (GPA: 4/4)

**Relevant Courses:** Advanced Algorithms, Web Systems, Cybersecurity, Theory of Computation, Operating Systems Design

### Marathwada Mitra Mandal College Of Engineering, Pune, India

July 2018 - May 2022

Bachelors of Engineering in Computer Engineering (GPA: 3.78/4)

**Relevant Courses:** Computer Networks, Operating System, Artificial Intelligence, Data Structures, Data Analytics

## TECHNICAL SKILLS

**Programming Languages:** C++, C, Python, SQL

**Databases:** MySQL, Snowflake

**Big Data Technologies:** Spark, Hive

**Data Visualization:** Tableau, Sigma

**Data Engineering Tools:** Airflow, MuleSoft

**Development Tools:** Git, AWS, Django, Django DRF

**AI/ML:** Familiarity with AI/ML concepts and algorithms

## WORK EXPERIENCE

### California State University, East Bay

2024

*Student Assistant*

- Assembled Duckiebots and programmed NVIDIA Jetson Nano for autonomous operations using ROS, enabling successful navigation and control within Duckietown environments.
- Collaborated with faculty and peers to build and maintain a functional Duckietown setup, facilitating hands-on learning and research for students in robotics and AI.
- Assisted in troubleshooting and optimizing Duckiebot performance, while documenting assembly procedures and coding guidelines to ensure smooth project execution.

### Kipi.bi

2023

*Senior Software Engineer*

*Remote*

- Successfully streamlined cloud data warehousing processes, resulting in a remarkable 40% reduction in data processing time and significantly improved overall efficiency.
- Replicated Looker reports in Sigma for a client, optimizing them for a 30% improvement in load times.
- Migrated data from RDS to Snowflake using Airflow, enhancing data management for a finance client and enabling a 20% faster reporting process.

*Software Engineer*

2022 - 2023

- Partnered with key stakeholders to deeply understand client needs, facilitating comprehensive project scoping, planning, and flawless execution; played a pivotal role in achieving a 15% increase in customer retention and a 25% reduction in project timeline.
- Spearheaded the setup of a Data-Ops pipeline, implementing the latest Agile and DevOps practices, leading to a 20% reduction in development time and a 30% decrease in deployment failures.
- Played a crucial role in a project that utilized MuleSoft's Anypoint platform, achieving a significant 25% improvement in ELT data integration efficiency.

*Software Engineer Intern*

2022

- Spearheaded a company-wide initiative to stay abreast of the latest trends and best practices in data engineering and science, resulting in a 20% increase in data-driven decision-making and a 15% improvement in overall data quality; positioned the organization as an industry leader in leveraging data for strategic insights.
- Leveraged Snowflake training to optimize data storage, processing, and analytics, resulting in a 15% reduction in data processing time and a 20% increase in data accessibility.
- Designed, implemented, and rigorously tested rapid data prototypes, contributing to a 10% increase in data insights and value realization.

### Apisero

2021 - 2022

*Software Engineer Intern*

*Remote*

- Completed MuleSoft training and developed customized API solutions based on business requirements, streamlining data integration processes and improving data accuracy by 25%.

## PROJECTS

### Bug Tracker

- Created a project with bug tracking, prioritization, and resolution features.

**Blog App**

- Developed a basic blog app with user login and posting capabilities.

**CERTIFICATIONS**

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- MuleSoft Certified Developer - Level 1 by Mulesoft.
  - SnowPro Core Certification by Snowflake.
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**Awards**

- Star Crew Award: 1 time
- Key Player Award: 3 times