

Navaneeth Maruthi

maruthi.n@northeastern.edu | (857)-421-9106 | [LinkedIn](#) | [Github](#)

EDUCATION

Northeastern University

Boston, MA

MS in Computer Science

Expected Graduation: May 2027

Relevant Coursework: Programming Design Paradigm, Database Management Systems, Algorithms, Web Development, Data Mining Techniques, Building Scalable Distributed Systems, Machine Learning

Visvesvaraya Technological University

Bangalore, India

BE in Computer Science and Engineering

May 2018 – July 2022

TECHNICAL KNOWLEDGE

Programming Languages: Python, Java, SQL, JavaScript (ES6), GO

Web & Database: HTML5, CSS3, React.js, Express.js, Node.js, MongoDB, MySQL, NoSQL

Framework & Tools: Seaborn, Matplotlib, Git, REST API

Data & Cloud Technologies:: Apache Spark, Snowflake, Hive, AWS (S3, ECS, ECR), Docker, Terraform, Swagger

WORK EXPERIENCE

Cognizant

Nov 2022 – Oct 2024

Jr Software Engineer

Bangalore, India

- Designed and developed **Apache Spark-based** ETL jobs to migrate and transform multi-year historical datasets from raw sources into the **AWS Refined Zone**.
- Registered datasets and defined pipelines via a **Swagger-enabled** web interface, enabling dynamic configuration and reusability.
- Managed ingestion across zones — **Confirmed** (raw data validation & structural checks), **Semantic** (business/semantic transformations), **Provisioning** (prepped for downstream loading).
- Loaded processed datasets into **Snowflake** for analytical reporting while enforcing high data-quality standards.
- Utilized **Amazon S3** for staging and intermediate storage of processed files to ensure high availability and scalability.
- Participated in **code reviews** and **debugging** sessions to maintain code quality standards.
- Collaborated with cross-functional teams in **Agile** sprints, conducting 100+ code reviews and collaborating with testers to validate component deliveries and system integration.

Cognizant

Apr 2022 – Sept 2022

Software Engineer Intern

Bangalore, India

- Developed and maintained enterprise web application using **Spring Boot (Java)** backend with **Angular framework** frontend, building modern **GUI components** and **single-page application** features for 100+ users.
- Collaborated in team-based **Agile** environment with developers, testers, and product management to refine requirements, develop features, and conduct thorough testing.
- Implemented **unit testing** using testing frameworks, participated in code reviews, and resolved integration issues during component delivery cycles.

PROJECTS

Alignify ([Link](#))

Nov 2025

- Developed a full-stack web application using **React, Node.js, Express, and MongoDB** to help users convert long-term goals into structured daily and weekly plans.
- Integrated frontend with backend services via **REST APIs**, implementing **JWT-based authentication** and secure data persistence with **MongoDB Atlas**.

FreelanceFlow ([Link](#))

Oct 2025

- Developed and maintained **single-page web application** using **JavaScript (ES6)**, **HTML5**, and **CSS3**, implementing modern **component-based architecture** with **state management** and **lifecycle methods**.
- Integrated frontend components with backend **Node.js/Express** services through **REST API** and **JSON** communication, implementing efficient event handling and notifications.

StudySync

March 2025

- Built **single-page application** with **HTML5**, **CSS3**, **JavaScript** frontend implementing component-based UI patterns for 200+ active users.
- Developed backend services using **Node.js** with **RESTful API** design, managing **state** and events for real-time user interactions.
- Integrated authentication and group management components, implementing web communication protocols for efficient client-server messaging.