

Navaneeth Maruthi

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EDUCATION

Northeastern University

MS in Computer Science

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

Boston, MA

Expected Graduation: May 2027

Visvesvaraya Technological University

BE in Computer Science and Engineering

Bangalore, India

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** (prepended 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.