Navaneeth Maruthi

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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
Framework & Tools: Seaborn, Matplotlib, Git, REST API
Data Engineering Tools: Apache Spark, Snowflake, Hive, AWS (S3)

WORK EXPERIENCE

Cognizant   **Nov 2022 – Oct 2024**
Jr Software Engineer   Bangalore, India
- Architected and maintained enterprise data management system using **Java**, designing **RESTful API** services that integrated with web applications through **JSON** communication protocols.
- Built **web interface** using **Swagger** framework for data pipeline configuration, enabling self-service component integration for 20+ users with intuitive, user-friendly design.
- Developed backend services processing 10M+ records, implementing performance optimizations reducing response time by 40% and ensuring high availability for web-based clients.
- 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.
- Built reusable, component-based UI and implemented goal and task management workflows, including progress tracking and responsive layouts.
- 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**.
- Built reusable, enterprise-grade **web GUI components** for user authentication, dashboard analytics, and project management, serving 50+ concurrent users with intuitive user experience design.
- Integrated frontend components with backend **Node.js/Express** services through **REST API** and **JSON** communication, implementing efficient event handling and notifications.
- Worked with **Webpack** bundling and build tools to optimize application performance, achieving sub-100ms response times.

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.