

# Sai Abhishek Itta

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## Education

### Northeastern University

September 2023 - May 2025

*Master of Science in Software Engineering (GPA: 4.00 / 4.00)*

*Boston, MA*

- Relevant Coursework: Object Oriented Design, User Experience and Web Design, Data Management Database Design, Programming Data Structures and Algorithms
- Implemented effective strategies to address and resolve resident concerns, highlighting problem-solving and conflict resolution, as RSO proctor at Northeastern University

### Vellore Institute of Technology - AP University

July 2018 - May 2022

*Bachelor of Technology in Computer Science (GPA: 9.03 / 10.00)*

*Andhra Pradesh, India*

- Relevant Coursework: Database Management, Operating Systems, Web Applications, Cloud Computing, Problem Solving using Java, Programming in Python, Data Analytics using Tableau
- Acquired a certification in Design Thinking from NPTEL and acted as Outreach Manager at VIT-AP, highlighting my commitment to innovation and collaborative communication

## Technical Skills

**Languages:** Java, Python, JavaScript, PHP, SQL, NoSQL, HTML, CSS, React JS, Node JS, Kotlin

**Technologies:** Mongo DB, MySQL, Cosmos DB, WordPress, AWS, Azure Power BI, Git, Android SDK

**Others:** Agile Methodology, CI/CD Pipeline, Devops, Excel, Eclipse IDE

## Experience

### SHELL

July 2022 – September 2023

*Software Engineer*

*Bengaluru, India*

- Developed microservices to enable cross functionality using Node.js, Express.js and MongoDB that are scaled to handle 10,000 concurrent requests
- Revamped design and integrated Google Maps API into Android Applications
- Optimized SAP user interfaces, improving system latency by 30% and deliver seamless user experience

### BSNL

January 2022 – July 2022

*Software Intern*

*Hyderabad, India*

- Collaborated and built internal Energy Management application using scalable RESTful APIs, which tracked, monitored, and gave insights about the power consumption of more than 200 workplaces
- Developed an Android location tracking app for employee safety and work hour tracking, reducing payroll error by 75%
- Documented over 60 technical workflows and project information using Microsoft SharePoint and Excel

## Projects

**URL Shortener** | Node JS, Express JS, Mongo DB, Firebase, NoSQL

- Developed a custom URL shortener API project, optimizing link management and enhancing user experience through concise and efficient redirection

**Store Management System** | Spring Boot, TensorFlow, Py Torch, jQuery, PostgreSQL

- Engineered a state-of-the-art retail store management system integrating AI (Artificial Intelligence) capabilities to analyze purchase patterns and predict customer behavior

**Full Stack Travel Website** | MERN Stack, Mongo DB, AWS, Heroku

- Led the development of a full stack travel website featuring robust admin and customer functionalities and integrated secure payment gateway for convenient transactions