

Sai Abhishek Itta

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Education

Northeastern University

September 2023 - May 2025

Master of Science in Software Engineering (GPA: 3.78 / 4.0)

Boston, MA

- Relevant Coursework: Object Oriented Design and SOLID Principles, User Experience and Web Design, Data Management Database Design, Programming Data Structures and Algorithms

Vellore Institute of Technology

July 2018 - May 2022

Bachelor of Technology in Computer Science (GPA: 9.03 / 10.0)

Amaravati, India

- Relevant Coursework: Operating Systems, Cloud Computing, Problem Solving using Java, Data Analytics

Technical Skills

Languages	: Java, Python, JavaScript, jQuery, Json, Typescript, SQL, NoSQL,
Databases	: Oracle, MySQL, MongoDB, PostgreSQL, Cosmos DB, SQL Server
Backend Technologies	: Spring, NodeJS, ExpressJS, .NET, Django, Flask
Frontend Technologies	: Angular, Material UI, ReactJS, Redux, WordPress
Cloud Technologies	: AWS, Terraform, Packer, Azure DevOps, CI/CD Pipelines, Git
Testing Tools	: Junit, Selenium
Others	: Agile Methodology, Scrum, Android SDK, Power BI, Tableau, MS Office

Experience

SHELL

July 2022 – September 2023

Software Engineer

Bengaluru, India

- Developed microservices to enable order procurement cross functionality using Node.js, Express.js and MongoDB that are scaled to handle 10,000 concurrent requests
- Redesigned a React based user interface component reducing loading times by 30% through optimizing component rendering processes
- 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 REST APIs, which tracked, monitored, and gave insights about the power consumption of more than 200 workplaces
- Designed a Google Maps API Integrated Android location tracking app for employee safety and work hour tracking, reducing payroll error by 90%
- Systematically documented over 60 technical workflows and project details using Microsoft SharePoint and Excel, enhancing project transparency and team efficiency

Projects

URL Shortener | Node JS, Express JS, Mongo DB, Firebase, NoSQL | [\[Link\]](#)

March 2023

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

Full Stack Travel Website | MERN Stack, AWS Amplify, Heroku | [\[Link\]](#)

December 2022

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

Store Management System | Spring Boot, TensorFlow, jQuery, PostgreSQL

April 2022

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