

DARSHAN ASWATHAPPA

☎ (510)-650-8661 ✉ [mail](#) [linkedin](#) [github](#) [website](#)

EDUCATION

Northeastern University - Boston, MA

Expected Dec. 2026

Master of Science in Software Engineering Systems

Visvesvaraya Technological University - Karnataka, India

Jul 2022

Bachelor's of Engineering in Computer Science and Engineering

SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript

Cloud & DevOps: Docker, Terraform, AWS, GCP, CI/CD, PowerShell, Prompt engineering, GPT

Frameworks & Databases: ReactJS, NodeJS, NextJS, Spring Boot, Micronaut, SQL/NoSQL

EXPERIENCE

Software Engineer - Bengaluru, India

July 2022 - September 2024

London Stock Exchange Group

- Supported development of **Web Application Firewall (WAF)** for World-Check platforms, implementing zero-trust IAM authentication to protect against critical vulnerabilities (**Log4Shell, XSS**), strengthened enterprise security architecture with no recorded breaches
- Optimized database systems using Micronaut/AWS architecture, achieving **90% faster data purging** and enabling **parallel processing of 1000+ records within 15-minute SLA**, reduced operational bottlenecks through automated workflows

Graduate Technical Engineer - Bengaluru, India

June 2021 - December 2021

Allstate Insurance

- Led feature development and optimization for Allstate Mobile using **Swift and Kotlin**, implementing critical performance enhancements and resolving high-priority defects; improved app stability and user experience through cross-platform solutions

Software Engineer Intern - Bengaluru, India

June 2020 - November 2020

Citrix Systems

- Contributed to performance optimization initiatives for Citrix-Workplace product, managing a team of interns and implementing architectural improvements that **reduced workspace load time by 45%**, streamlined development workflows and mentored team members in best practices

PROJECTS

Course and Resume recommendation system | *LLAMA, GPT, ReactJs, NodeJs, NoSQL — MongoDB, Langchain*

- Built a recommendation system leveraging **LLAMA and GPT models** to provide personalized course and resume suggestions. Developed the backend with Node.js for API handling and integrated NoSQL for scalable user data storage. **The system analyzes user skills and career goals to deliver targeted recommendations**

Sensibo-GPT | *Python, GPT-3, Google Cloud Platform*

- Developed **Sensibo GPT, a GPT-3 smart device** that utilizes Sensibo APIs to intelligently control and adjust AC temperature and parameters based on temperature, humidity, and other factors, contributing to and merging with Sensibo API code

What's You | *Flutter, NodeJs, MongoDB*

- Founded and developed "What's You," an all-in-one data privacy and education app aimed at increasing user awareness of online **data exposure and data breach information**
- Developed app to address data transparency challenges, enabling users to manage online data privacy effectively

Insider Shibu | *JavaScript, NodeJs, AWS, MongoDB*

- Created Insider-Shibu to consolidate public insider company info, achieving a **37 Product Hunt** ranking and integration with **Watcher.guru**
- Managed cloud infrastructure, optimizing back-end systems for efficiency and scalability