Darshan Aswathappa

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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

Technical Skills

Languages and Frameworks: Python, Java, JavaScript, SQL/NoSQL, NextJs, ReactJs, Spring Boot, Micronaut, AWS, GCP, CICD

Experience

Software Engineer - Bengaluru, India   **July 2022 - September 2024**
London Stock Exchange Group

- Strengthened the security of World-Check Online and World-Check NextGen, leading the development of a Web Application Firewall (WAF) to protect against threats like Log4Shell and XSS, while transitioning the database to zero-trust IAM authentication for enhanced security and architecture
- Leveraged cutting-edge technologies, including Micronaut in Java and AWS, to optimize the security and performance of database systems, achieving a 90% reduction in data purging time and enabling parallel processing of over 1000 records within a 15-minute timeout

Graduate Technical Engineer - Bengaluru, India   **June 2021 - December 2021**
Allstate Insurance

- Collaborated in the development of Allstate Mobile, leveraging proficiency in Swift and Kotlin to enhance features, optimize application performance, and address critical bug fixes
- Played a key role in improving Allstate Mobile's functionality, ensuring a seamless user experience by implementing feature enhancements and bug fixes in both Swift and Kotlin

Software Engineer Intern - Bengaluru, India   **June 2020 - November 2020**
Citrix Systems

- Contributed to inhouse Citrix-Workplace product development, optimizing performance and reducing workspace initial load time by 45% through Go-lang
- Took a leadership role by managing a team of interns in project execution for the Citrix-Workplace development

Projects

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 backend systems for efficiency and scalability

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

Nothing-X | *Javascript, NodeJs, MySQL, AWS*

- Developed "Nothing-X" as a bridge between the tech startup 'Nothing' and the community, garnering a substantial following and achieving successful integration with the official forum

Extracurricular

- Built FARO, a fully digital NGO dedicated to providing food and education to underprivileged children in India and Nepal, raising over USD10k in donations, feeding 30k children, and streamlining operations for multiple NGOs
- Microsoft Learn Student Ambassador (MLSA) 2018-2019, Reached level 2 in Manthan business plan competition organised by FKCCI