Guhan Santhanam

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EDUCATION

Master of Science in Information Systems, Northeastern University   May 2026
　　　Courses: Network Structures and Cloud Computing, Application Engineering and Development

Master of Computer Applications, Vellore Institute of Technology, India   May 2022

Bachelor of Computer Applications, Kalsalingam Academy of Research and Education   May 2020

SKILLS

Technical: Java, Spring Boot, RESTAPIs, JavaScript, SQL
Software: IntelliJ, Docker, Kubernetes Postman, Jenkins, Git, Calypso, JIRA, Linux
Others: AWS, GCP, Microservices, Application maintenance and Delivery

EXPERIENCE

Software Engineer at BNP Paribas Pvt ltd – Chennai. India   Feb 2022 – Jul 2024

- Managed and enhanced the Calypso application to ensure optimal performance and alignment with organizational requirements, contributing to the successful delivery and implementation of new features.
- Developed tools to support regression testing, significantly reducing the team's workload and enhancing overall efficiency by 40% in application operations.
- Developed a standalone Spring Boot tool utilising a hive and drone architecture to streamline access management for Calypso administrators, reducing workload by 80%, eliminating the need for individual logins to multiple environments and enhancing operational efficiency.
- Collaborated with cross-functional teams to design and implement features using Java, Spring Boot, and Angular, adhering to best practices and agile methodologies while facilitating successful production rollouts with minimal downtime.

ACADEMIC PROJECTS & ACHIEVEMENTS

NUHACKS 2024 – Lexis Nexis (Runner up)   Oct 2024

- Optimized large datasets using LexisNexis's HPCC Systems and ECL language, demonstrating strong data processing and analytical skills in a competitive setting.

SAGA -Personal Journal   Jan 2021

- Developed 'Saga - the Space to Unveil,' an Android application for recording daily journal entries, utilizing Firebase for real-time data storage and synchronization across devices.

Comparative Analysis of Machine Learning Algorithms on Stock Market   Dec 2021

- Published master's thesis on intercollege research-based learning, analyzing algorithms to improve collaborative educational strategies.