

# Abhishek Sen

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**Summary** — Software Engineer with 3+ years of experience in designing and developing **scalable applications**, specializing in full-stack development and cloud solutions. Proficient in Java, Python, and modern web technologies. Proven ability to solve complex problems, optimize performance, and **collaborate in agile** environments to **deliver high-quality products**. Passionate about innovation and contributing to cutting-edge projects.

## Skills

**Tech** Spring, Angular, React, DB2, Kafka  
**Languages** Java, Javascript, SQL, Python  
**Software Dev** OOP, System Design, CI/CD, Agile

**Problem Solving** Data Structures, Algorithms, Design  
**Professional** Teamwork, Ownership, Leadership  
**Soft Skills** Team Player, Bias for Action, Deliver Results

## Experience

### Morgan Stanley

Feb 2021 – Present

*Software Engineer 3*

- **Renovated the Realtime Funding Dashboard** from .NET client with monolithic architecture to Web-based client with microservices with additional monitoring and filtering capabilities with **enhanced user experience reducing 30 manual touchpoints per day across 3 systems** and helped to **save \$230K for the firm** annually.
- Contributed to the design and implementation of **automating EOD balance reporting** for Treasury by giving quick marked based reporting on balances on dashboard in place of manual form based reporting procedure **reducing user toil and firm risk by 3.5 hours per day**.
- Designed the new **real-time automated funding experience** for Realtime Funding Dashboard users which helps fund firm accounts **without user intervention** near EOD. Once fully developed, this will mitigate firm risk and help to **save \$10M for the firm** annually.
- Contributed to developing a **Devops Metrics one-stop platform** to monitor and track hygiene across all repositories across the department, which helps in planning technical hygiene well ahead of time.
- Collaborated with **cross-functional teams to streamline IT processes** and improve efficiency.
- **Mentored junior engineers and interns** to provide them an enhanced learning experience **fostering their growth**.
- Documented system configurations and procedures for **knowledge sharing** within the team.
- **Volunteered to host sessions** on coding best practices, covering Java, UI, and design patterns showcasing ownership, leadership and technical expertise.
- Participated in **disaster recovery planning and drills** to ensure **business continuity** in case of emergencies.
- Conducted **capacity planning** and **scalability assessments** to support future growth.
- Provided **on-call support** for critical issues and worked on root cause analysis for incident resolution.
- **Tech Stack** : Java, Spring, Angular, React, Kafka, DB2

### Samsung Research Institute

Jan 2020 – Aug 2020

*PRISM Developer Intern*

- Worked in a team of 3 members building a Web Survey application for **Search DCG Computation** using Node.js and Express.js as part of Samsung PRISM.
- Focused on backend development using **Node.js** and **Express.js**, ensuring seamless data processing and integration with the database using **MongoDB**. Also implemented optimization techniques to handle large-scale data efficiently.
- The application successfully handled large datasets, allowing the computation engine to process data in real-time. The project was delivered on time and met the performance benchmarks set by the client.
- **Tech Stack** : Node.js, Express.js, MongoDB

## Education

### MS Ramaiah Institute Of Technology

Aug 2017 – Jul 2021

*Bachelor of Engineering in Computer Science and Engineering*

*CGPA: 9.16*

### Associations and Achievements

- CodeRIT - Core Member of Coding Club, **organized multiple problem-solving, code-run sessions and hackathons**.
- ACM ICPC - Key contributor in a team of 3, Qualified for ACM ICPC 2019 Regionals, Showcased **problem-solving** and **collaboration with team under pressure**.