

EDUCATION

Northeastern University | Boston, MA | Master of Science in Information Systems | GPA: 4.0

Expected May 2025

Relevant Courses: Application Engineering and Development, Web Development and User Experience, Program Structure and Algorithms, Network Structures and Cloud Computing

K. S. Institute of Technology | Bangalore, India | BE in Computer Science and Engineering | GPA: 3.7

Aug 2020

Relevant Courses: Data Structures and Algorithms, Python, Web Development, Java, Data Science

TECHNICAL SKILLS

- **Programming languages:** HTML5, CSS, JavaScript, React.js, Python, Java
- **Databases Used:** SQL, MongoDB
- **Design Tools:** Figma, Adobe XD, Canva

WORK EXPERIENCE

Software Engineer | Gupshup | Bangalore, India

Jan 2022 - Aug 2023

- Spearheaded the development of innovative features for a mission-critical React JS-based web application, resulting in a 20% increase in user engagement and a 10% improvement in overall usability
- Led the assessment and mitigation of information security breaches, successfully identifying and addressing vulnerabilities to maintain data integrity and user privacy, safeguarding the organization's reputation

Associate Software Engineer | DotGo | Bangalore, India

Sept 2020 - Dec 2021

- Played a pivotal role in crafting feature enhancements for both the mobile application and admin panel using React JS, leading to a 25% boost in user engagement and a 15% increase in user satisfaction
- Designed and implemented robust APIs for the backend of these applications using SpringBoot, ensuring seamless data flow and functionality, resulting in a 20% reduction in system errors and an improved user experience

ACADEMIC PROJECTS

Automated Certificate Generator

Mar 2020 - Present

- Pioneered a global volunteering initiative to replicate the solution for IEEE, showcasing leadership and impact
- Collaborating with renowned institutions to orchestrate automated certificate production
- Optimizing certificate generation processes to expedite support for educational institutions during the pandemic

Demand drivers for Commodities

Mar 2019 - Dec 2020

- Employed sentiment analysis to predict commodities market demand, factoring in government policies, supply chain dynamics, and weather patterns
- Utilized Python, Flask, Android, and MongoDB to collect, process, and derive actionable insights from sentiment data, benefiting industry decision-makers
- Advanced industry comprehension and strategy through sentiment analysis of demand drivers, enabling informed decision-making

Decentralized File Storage for Optimized Cloud Storage

Mar 2018 - Dec 2018

- Engineered a decentralized storage network using IPFS infrastructure, drastically enhancing download speeds and mitigating wait times by around 80%, elevating user experience
- Constructed a user-friendly Progressive Web App (PWA) for cross-platform file management, optimizing cloud storage, and streamlining file retrieval for greater efficiency
- Devised an efficient file storage and retrieval system, simplifying cloud storage operations and delivering a seamless user experience

PUBLICATIONS

- Ensemble learning as a prerogative method of predicting mortality of patients with cardiovascular diseases ([Link](#))
- Demand Drivers for Gold ([Link](#))
- Demand Drivers for Commodities ([Link](#))

ACHIEVEMENTS

- Merit Honor for Academic Excellence (1st Year and 2nd Year), K. S. Institute of Technology
- Outstanding Student Volunteer Award, IEEE Women in Engineering Bangalore Section
- Regional Level Winner of IEEE Eu-Reka 2019, IEEE Pune Section