

Shashank Bettada

📍 Boston, MA 📞 (857) 869-2016 ✉ bsshanky@gmail.com 🔗 [LinkedIn](#) 🐙 [GitHub](#) 📝 [Medium](#) 📁 [Portfolio](#)

EDUCATION

Northeastern University <i>Master of Science in Data Science (GPA: 3.81 / 4.00)</i>	Sep 2022 - May 2024 Boston, MA
BMS College of Engineering <i>Bachelor of Engineering in Electronics and Communication (GPA: 3.50 / 4.00)</i>	Aug 2014 - May 2018 Bangalore, India

WORK HISTORY

Navigem Data <i>Software Engineer - iOS</i>	Oct 2019 - May 2022 Bangalore, India
<ul style="list-style-type: none">• Developed two iOS apps for niche and international clients, driving 55% of the company's revenue over two fiscal years.• Niche client app garnered 1000+ downloads and a 4.6/5 App Store rating in just 3 months, boosting user engagement by 55%.• Managed the system design for a key project, achieving a 50% reduction in resources and costs, thus lowering the total cost of ownership, while ensuring scalability and feature compatibility.• Implemented various code optimizations to efficiently utilize Pay-As-You-Go API services, effectively reducing overhead costs by 66% and enhancing system performance.• Conducted 12 application development workshops and organised 5 hackathons which were attended by 250+ undergraduate students from the organization's partnered colleges.	
Accenture <i>Associate Software Engineer</i>	Nov 2018 - Oct 2019 Bangalore, India
<ul style="list-style-type: none">• Authored Unit Test suites for 1500+ lines of core functionality code, increasing test coverage by 30% and reducing post-release defects by 25%.• Optimized the development process by configuring a Jenkins CI/CD pipeline, automating testing and ipa file generation, which resulted in a 30% reduction in time to market the app.	

ACADEMIC PROJECTS

Notes SwiftUI SwiftUI, Core Data, MVVM, Multi Platform	
<ul style="list-style-type: none">• Replicated the iOS Notes app interface and functionality, optimizing for multi-platform compatibility with SwiftUI and Core Data, including efficient use of the iPad's sidebar via NavigationSplitView API.	
Digital Health Outpost UIKit, Auto Layout, Networking (including REST API interactions), Tableau	
<ul style="list-style-type: none">• Crafted an advanced iOS application for dynamic data aggregation and engineered impactful Tableau dashboards for intuitive data visualizations, delivering critical, actionable insights to healthcare officials, the public, and suppliers.	
XML Parsing and Database Integration R, MySQL, XML Parsing	
<ul style="list-style-type: none">• Engineered a robust and efficient XML parsing algorithm to process and categorize over 30,000+ medical journal articles, transforming complex and inconsistent data into structured data frames.• Optimized data extraction code for full document parsing in under 5 minutes, a 75% reduction from the 20-minute benchmark. Efficiently integrated parsed data into MySQL for enhanced data management and retrieval.	
Movie Time Web app React.js, Node.js, Express.js, MongoDB	
<ul style="list-style-type: none">• Engineered a full-stack MERN application, utilizing React, Node.js, Express, and MongoDB to deliver a dynamic user experience, enabling features such as movie search, rating filtration, and a customizable favorites list.• Implemented advanced user interaction capabilities, including Google sign-in integration, drag-and-drop list reordering, and CRUD operations for movie reviews, enhancing the app's interactivity and personalization.	

SKILLS

Languages: Swift, Objective-C, Python 3, R, JavaScript, Java, C++, C
Technologies: React.js, Express.js, jQuery, Bootstrap, Node.js, MySQL, SQLite3, MongoDB, TensorFlow, PyTorch, Tableau, iOS SDK
Concepts: Multithreading, Performance Optimization, Design Patterns (MVC, MVVM, VIPER), Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing
iOS Specific Technologies: UIKit, SwiftUI, Core Animation, Core Graphics, Core Data, Realm, Metal, CloudKit, MapKit, ARKit, Combine