

Manushi

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Education

Northeastern University

Jan. 2021 - Apr. 2024

Master of Science - Computer Science (GPA: 3.96 / 4.00)

Boston, Massachusetts

- **Relevant Coursework:** Programming Design Paradigm, Algorithms, Web Development, Mobile Application development, Information Retrieval, Computer Vision and Natural Language Processing.

MV Jayaram College of Engineering, Bangalore

Aug. 2006 - May 2010

Bachelor of Engineering - Computer Science (GPA: 3.87 / 4.00)

Bangalore, India

Experience

Self-Directed

Apr. 2020 – current

Professional Development and Continuous Learning

- Pursued advanced education and self-directed learning in computer science during a planned career break, focusing on
- Mastered advanced Computer Science concepts, achieving a 3.96 GPA in MS program at Northeastern University.
- Engineered ShopEasy, a full-stack online shopping platform using React and Node.js, showcasing comprehensive web development skills.
- Created Pawsome Pals, an Android-based social platform for dog lovers, demonstrating proficiency in mobile app development.
- Developed real-time American Sign Language Recognition system using MediaPipe and PyTorch, enhancing accessibility in digital communication.

Tesco

Sept. 2010 – Nov. 2019

Senior Software Engineer

Bangalore, India

- Pioneered Oracle PL/SQL solutions for seamless transactions between store applications and databases, streamlining store managers' handling of overstock scenarios.
- Engineered Tesco's initial stock management and replenishment system contact points in the UK and Ireland.
- Spearheaded frontend and API development for the Direct Deliveries app, migrating from outdated PDAs to Android devices in under two months, enabling features deployment to 3000+ stores.
- Designed intuitive interfaces with the development team, conducted end-to-end testing for reliability, and managed the full lifecycle of Android applications including bug fixes and updates.
- Automated security patch updates using Chef tool, reducing update times for 150+ application servers.
- Orchestrated deployment schedules through SOTI MobiControl, enabling swift feature dissemination across 3000+ stores.
- Developed UI for Replenishment Forecaster Scheduler, employing ASP.NET 4.0 and Oracle PL/SQL, aiding replenishment teams' nightly workload.

Technical Skills

Programming Languages: Java, C#, Python, JavaScript

Web Technologies: React, Node.js, HTML5/CSS3, ASP.NET, AngularJs, jQuery, Bootstrap

Mobile Development: Android

Cloud Technologies: AWS

Databases: MySQL, Oracle 11g, MongoDB, Couchbase, Firebase, SQLite

Software Development – Tools: Android Framework, JIRA, Git, Jenkins, Google Analytics, Chef, NUnit

Frameworks: ASP.NET MVC, Entity Framework using LINQ, Unity Framework