

# Spoorthi Subramanya Bhat

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## Education

**University of Massachusetts, Dartmouth, Massachusetts, USA**  
Master's in Computer and Information Science

SEPTEMBER 2023 - SEPTEMBER 2025

**Vidyavardhaka College of Engineering, Mysore, Karnataka, India**  
Bachelor of Engineering in Computer Science and Engineering | CGPA : 9.17/10

AUGUST 2018 - AUGUST 2022

## Experience

**In Time Tec, Bangalore, Karnataka, India- *Jr. Software Engineer***

MARCH 2022 - AUGUST 2023

- Developed and fine-tuned an Android SDK for Equifax Inc. 's Research and Development department, utilizing Kotlin to gather and scrutinize user and bot behavioral data on Android devices, effectively discerning between bots and genuine users.
- Designed an E-commerce application(Drip Drop Distro) for Android using Jetpack Compose in Kotlin.
- Contributed to front-end and back-end web application development with the cloud-based low-code platform - CALS PLATZ, optimizing database queries for precise, efficient data retrieval and improved performance using MySQL.

**Svachallan Solutions, Bangalore, Karnataka, India - *Android Development Intern***

JAN 2022 - FEB 2022

- Played a pivotal role in designing and developing the 'Helping Hand' Android application, where I designed and implemented the app's user interface to ensure a visually appealing design using Java, integrated Firebase for robust user authentication.

**Epsilon Scientific, Bangalore, Karnataka, India- *Web Development Intern***

JUNE 2020 - AUG 2020

- Strategically restructured an existing 'Social Networking' web application, effectively leveraging my knowledge on HTML, CSS, PHP, JavaScript, and a MYSQL database as a dynamic and innovative full stack web development intern.

## Academic Projects

**Indoor Navigation System Using Bluetooth Low Energy Beacons - *Android Application***

**Achievements :** Created two Android applications, serving as BLE transmitter and receiver(Beacon Module). Managed a cloud database and a WebView interface (Admin Module). Implemented user interface for indoor navigation using the receiver Android application (User Module).

**Key Skills :** Android Java, Angular, SQLyog, MYSQL, ASP.NET RESTful API, Eddystone format Android Beacon Library.

**Job Recruitment Portal - *Web Application***

Crafted and developed a Job Recruitment Portal to streamline the recruitment process, to address and eliminate inefficiencies in the traditional manual recruitment system.

**Achievements :** Provided separate interfaces for candidates and employers (Candidate and Employer Portals). Enabled employers to post job vacancies (Job Vacancy Listings). Allowed candidates to upload their resumes (Resume Submission). Enabled candidates to view their applied jobs and application status (Job Application Tracking).

**Key Skills :** HTML, CSS, PHP, Javascript, and MYSQL Database.

**Sports Management Client-Server Application - *Console Application***

Designed and implemented a Java-based client-server application for sports team and game management. The project includes the features for creating and saving teams to a database, as well as retrieving team information based on game IDs.

**Achievements :** Developed a multi-threaded server to handle concurrent client connections. Implemented JSON serialization for efficient data exchange. Integrated a MySQL database for persistent data storage. Focused on code modularity and error handling for a robust system. Effectively used the concepts of Object Oriented Programming.

**Key Skills :** Java Programming, Socket Communication, JSON Serialization, Database Integration and Multi-Threading.

## Technical Skills

**Programming Languages :** Professional Experience - Kotlin, PHP, Javascript. Personal Projects - Java, C, Python.

**Database Systems :** SQL Server, MYSQL | **Operating Systems :** Windows 7/11, Ubuntu

**Version Control :** Github, Gitlab, Bitbucket