

# Bharath Ranganathan

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<https://github.com/BHARATH-RANGANATHAN>

**M.Sc.** Information Systems with Computing from **Dublin Business School, Ireland**

**B.E.** Electrical & Electronics Engineering from **Anna University, Chennai**

A versatile and professional software graduate with a commitment to developing innovative and creative software solutions.

Actively looking for a software engineering position with a fast-paced and ambitious company where I can utilize my skills and knowledge efficiently for the organization's growth.

## CORE COMPETENCIES:

### Technologies and Concepts:

- OOPS concepts, Java, C, C++, C#, Python, R, Data Structures and Algorithms, HTML5, CSS, JavaScript (ES5&ES6), jQuery, Rest API, Git, SQL, AngularJS, ReactJS, NodeJS.

### Tools:

- Eclipse, Visual Studio, MongoDB, Atom, GitHub, MySQL Workbench and Anaconda.

## PERSONAL PROJECTS:

### Movie Booking Website Using AngularJs:

- This website is a movie booking website made using AngularJS and Ionic with seat selection and payment functions.

### News Website Using ReactJS:

- This Website is made using ReactJS and News API to display current news in Ireland & news articles from various categories along with search function to get the article the user searches for.

### Exercise Tracker Website Using ReactJS:

- This website is used to keep track of the user exercises by creating new users, adding exercises to the users and to view, edit or delete the exercises for all the users.

### Library Web Portal Android App Enabled with NFC:

- An App for doing all the library functions such as borrowing, returning books etc. by using the NFC feature from the user's phone.

## **ACADEMIC CREDENTIALS:**

### **M.Sc. Information Systems with Computing | Dublin Business School | 2019-2020**

Gained Knowledge, exposure, and experience on latest technologies in various fields like:

- Web & Mobile Technology
- Enterprise Information Systems
- Computer Systems Security
- Personal & Professional Development
- Software Engineering
- Advanced Databases
- Data and Data Analytics
- Research Methods

**Dissertation:** A web-based application on enabling integrity and scalability of personal health records using patient centric hierarchical attribute-based encryption.

### **B.E. Electrical & Electronics Engineering | Velammal Engg. College, Anna University | 2014-18**

#### **Projects:**

- Shadow Alarm Project-VEC Project Exhibition-2015.
- GSM based Home Security System-VEC Project Exhibition-2016.
- Obstacle Detection using Ultrasonic Sensor Project-Winner of VEC Project Expo-2017.

#### **Relative Modules:**

Fundamentals of Computer Programming and Electronic Computer Aided Design.

## **CERTIFICATIONS:**

- Council of Europe 'Level B1', passed with Merit in Business English Certification (BEC).
- Data Structures and Algorithms, C, C++ Certified-NIIT-2014.
- IELTS Certificate with overall band 6.5.
- Merit certificate from Tata Consultancy Services -2013.
- Merit certificate from Chennai Science Forum-2014.
- Electro NIKS training Certificate from LiveWire, Chennai-2015.
- Python Level 1 Certificate from Cambridge Certification Authority.

## **UDEMY CERTIFICATIONS:**

- Python Boot-camp Certification.
- Android Oreo Application Development Certification.
- Full Stack Web Development Certification.
- 100 Days of Code-The Complete Python Boot-camp for 2021

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