Nischal Abraham

Cootehill, Co. Cavan, IE • nischalabraham@gmail.com • +353 89 485 8775

linkedin.com/in/nischalabraham • github.com/unknwnlistener • nischalabraham.xyz

PROFESSIONAL EXPERIENCE

Postal Bible School (Charity)	Cootehill, IE
Office Administration and Management (Volunteer)	Nov 2020 – Present

- Maintenance for the WordPress website – https://www.postalbibleschool.ie/.
- Leading the development and transition of lessons that are currently offline to an online learning system (LMS).
- Managing distribution of monthly lessons to over 3000 students for 30+ schools in Ireland.

Media.net (Perform Media)	Mumbai, IN
Web Application Developer	July 2017 – Aug 2019

- Improved report access time for Publishers by 32%, leading the development for excel and CSV file imports in parsing Ad Campaigns.
- Reduced collaborative errors within the team by 25%, managing the transition of Continuous Integration (CI) workflow from Apache SVN to Git.
- Obtained knowledge of Digital Marketing through development for Search Engine Optimization (SEO) and Google AdWords.
- Leveraged knowledge in SVN, Git, Agile development, programmed in HTML/CSS/JS, Angular and React in VS Code, C# using ASP.Net MVC in Visual Studio (VS) 2015.

EDUCATION

National University of Ireland, Maynooth	Maynooth, IE
MSc Computer Science (Software Engineering) *GPA: 1st Class Honours*	Sep 2019 – Aug 2020
Don Bosco Institute of Technology	Mumbai, IN
BE Computer Science *GPA: 7.24 of 10*	Sep 2013 – May 2017

TECHNICAL SKILLS

Software (proficient):	JavaScript (ES6+), React, HTML/CSS, Java
Software (familiar):	Angular, C#, NodeJS, MongoDB, MSSQL
Methodologies:	Agile, Scrum, GitHub (Git), REST API, OOP

ADDITIONAL INFORMATION

Visa Status
Permitted to work full-time in the Republic of Ireland till Oct 2022 under Stamp 1G.

PROJECTS

Masters project at NUIM *Browser extensions, JavaScript (ES6), NodeJS, JMeter*
Dissertation on "Quantifying Personalisation Bias in Search" for development of a tool that assists research for the existence of bias in personalization algorithms of information sources on the internet (search engines, news feeds, blog posts, etc.)

- Researched the current environment and future requirements. Developed a web tool that aids future researchers to measure the factors found in the study.
- Created a browser extension for a Chrome/Chromium based browser that collects data on a user's browser usage patterns for bias analysis.

API for 'Linguistics Management of English Clauses' *NodeJS, MongoDB, Swagger, REST*
Back-end API based application to setup a teacher-student Learning Management System (LMS) to store learning information of English Clauses. This project was undertaken for the CS280 "*UX, UI and Interaction Design*" course at Maynooth University(NUIM).

React Movie App *React, HTML/Sass, JavaScript, Public REST API (TMDB)*
https://www.github.com/unknwnlistener/movie-app
Movie summary app that accesses the TMDB public API to retrieve information regarding current movies and TV shows

Teknack – Game Development *Bootstrap, JavaScript, JQuery, PHP, Domain Hosting*
https://dbit.acm.org/teknack/
Don Bosco Institute of Technology's online college festival is a 2-day event hosted every year with massive participation of over 500 students across the country.