

Blair Noel Fernandes

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Career Objective

To gain a dynamic and challenging role in the area of mobile and web application development in an organization that provides an opportunity to use and further develop my abilities, skills and knowledge.

Work Experience

- **Senior Software Developer at Quantiphi (September 2022 – Present)**
 - Building and maintaining single page web application
 - Angular frontend with Node.js backend
 - Using Google Cloud Platform (GCP) for deployment
- **Application Developer at Thoughtworks (March 2022 – August 2022)**
 - Built reactive web applications with Spring WebFlux & Kotlin
 - Developed front-end using React.js
 - Test driven development using Junit & Mockito
- **Java Developer at Tata Consultancy Services (TCS) Ltd. (June 2019 – March 2022)**
 - Implemented full text search using Apache Solr and SolrJ API.
 - Contributed towards the development of an API gateway for clients by improving features such as security and user management. Also did testing for the same using Postman and Jmeter.
 - Working on Azure Cloud for migrating client applications to Azure VM and integrating them using Azure API Management.

Personal / Academic Projects

- **Inventory management system CLI using Python**
 - An inventory management system application with command line interface developed using Python.
 - Features to add, update, remove items and view inventory
 - Saving and loading inventory data from json files.
- **Chat app in Android**
 - A chat application built using Kotlin in Android Studio.
 - Connects to a node.js API hosted on Heroku using web sockets to send and receive messages.
 - Features creation of different channels for different topics.
 - Published on [Google Play](#)
- **Event Management App in Android**
 - Android App built using Android Studio containing multiple activities like Login Activity, Register Activity etc.
 - User authentication (Email verification) using Firebase Auth.
 - User details and other information is stored using Firebase Database
- **HR Management System Web Application**
 - HR Management System web app which can be used by HR to maintain employee records and to view job applications in the database (Derby database)
 - Connection to database is done using JDBC.
 - HR can send Email to employees.
 - User can login as either HR or employee

- Front-end using HTML, CSS and JSP.

AREAS OF INTEREST

- Android & Web App Development
- Game Development