

# ARTH CHANDRAKANTBHAI PATEL

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## CAREER OBJECTIVE :-

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To Become The Asset To Your Organization Which Provides Multiple Options For Technical and Non-Technical Advancement & To Get Engaged In Real, Meaningful Projects, As A Responsible Employee Which Helps Me To Advance My Professional And Technical Skills.

## ACADEMICS :-

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### **MSc Computer Science (Software Engineering)**

STAFFORDSHIRE UNIVERSITY

Stoke on Trent, the United Kingdom

#### Relevant Courses:

- Professional Software Engineering and Web Development
- Software Engineering Principles
- Web Principles
- Pervasive Computing
- Mobile Application Development
- Web Application Development
- Enterprise Cloud Computing in AWS Environment

### **Bachelor of Engineering in Information Technology**

GUJARAT TECHNOLOGICAL UNIVERSITY

Vadodara, India

#### Relevant Courses:

- Operating System
- Computer Graphics
- Data Structure and Algorithm
- Databases
- Core OOPs Concepts
- Programing in C and C++
- Visual Basic .net
- Basic JAVA
- Advanced JAVA

## EXPERIENCE:-

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- **Zaptech Solutions, AHMEDABAD**  
TRAINEE SOFTWARE DEVELOPER  
JOINING DATE: 15-06-2015.  
ENDING DATE: 29-02-2016.
- **Kawarlal & Co, VADODARA**  
WEB DEVELOPER  
JOINING DATE: 01-03-2016.  
ENDING DATE: 30-11-2020.
- **L.K Enterprise, VADODARA**  
IOS APPLICATION DEVELOPER  
JOINING DATE: 01-12-2020.  
ENDING DATE: 18-01-2023.

## RESPONSIBILITIES :-

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- In depth knowledge of Object-Oriented Programming concept (OOPs).
- Working on SWIFT, Objective C, ReactJs, PHP, Kotlin & Python programming Language.
- As well as had worked on database technologies like SQL, MySQL, and NoSQL like MongoDB.
- Responsible for designing the UI and UX of Application.
- API Integration using URL Session.
- Implementing Restful API in application.
- Using COREDATA and REALM Database to store data locally on mobile device.
- Also using SWIFTUI as a primary technology to build application.
- Moreover, implementing third party dependencies using Swift Package Manager and Cocoa Pods in application to enhance user experience.
- I am also using other development tools like GIT, GIT HUB, POSTMAN and ADOBE XD.

## SKILLS :-

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- Programming Languages: Java, C++, Python, JavaScript, Swift, Objective C, Kotlin
- Software Development Methodologies: Agile, Scrum, DevOps
- Web Development: HTML, CSS, React, Node.js
- Database Management: SQL, NoSQL
- Tools and Technologies: Git, JIRA, Visual Studio Code, Docker, XCode, Android Studio
- Problem Solving and Algorithm Design
- Software Testing and Quality Assurance
- Object-Oriented Design and UML
- Strong analytical and critical thinking skills

## PROJECTS :-

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### **SWIM GALA WEBSITE**

- Designed and developed a secure online website for a swim club using PHP and MySQL.
- Implemented features for user account management, user rights allocation, user performance management and implemented some encryption techniques for data security.

### **MACHINE LEARNING BASED PROJECT: AI FOR DEAF PERSON**

- Developed a machine learning model for image classification of sign language of deaf person using Python and TensorFlow.
- Achieved an accuracy rate of 90% in classifying gestures in images.
- Integrated this result of accuracy with some famous AI tool's APIs, to enable a deaf person to communicate with AI bots using their sign language.

### **HARDWARE TOOLS REVIEW SYSTEM**

- Developed a comprehensive web-based "Tools Review System" that allows users to review and rate various tools, equipment, or products using ReactJs, NodeJs and MySQL.
- The system aimed to provide a platform for users to share their experiences and insights regarding the performance, features, and usability of tools, helping others make informed decisions when selecting tools for their projects.

### **WEATHER FORECASTING AND CURRENCY CONVERTER PROGRESSIVE WEB APPLICATION**

- Designed and developed a feature-rich Progressive Web Application (PWA) that provides real-time weather forecasting and currency conversion functionalities in a user-friendly and accessible manner using HTML, CSS, ReactJs and MySQL.
- Created an intuitive and responsive user interface that presents weather data in an easily understandable format and allows users to convert currencies with minimal effort.
- Integrated weather APIs to fetch real-time weather data for user-specified locations, offering current conditions, daily forecasts, and extended forecasts.
- Utilized currency exchange rate APIs to enable on-the-fly currency conversion with support for multiple currencies and accurate exchange rate updates.

### **MOBILE APPLICATION ON ANDROID AND IOS FOR DISABLED PEOPLE**

- Conceived, designed, and developed an innovative mobile application available on both Android and iOS platforms with a mission to empower and enhance the lives of disabled individuals.
- Technologies such as Swift and User-defaults for iOS Platform, as well as Kotlin and SQLite for Android is used to develop this Project.
- Firebase integration has also been done to use various third-party login/signup system like Gmail login and to store login credentials of users and other user management services.

## PERSONAL DETAILS :-

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Permanent Address	: 169, Leek Road, ST4 2BW, Stoke-on-Trent, U.K.
Contact Number	: 07767932644.
Date of Birth	: 25/07/1992.
Gender	: Male.
Marital Status	: Unmarried.
LinkedIn Profile	: <a href="https://www.linkedin.com/in/arth-patel-4a639b23a">www.linkedin.com/in/arth-patel-4a639b23a</a> .
Languages known	: English, Hindi and Gujarati.
Hobbies	: To solve 3 x 3 Rubik's cube, To remain update about latest Technology Trends, Cricket, Travelling & Swimming.
Nationality	: Indian.

Declaration: I, ARTH PATEL; Hereby Acknowledge That Above Details Are True & Best of My Knowledge