# Aakash Bhatia

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## EDUCATION

**M.TECH (ICT)**
Dhirubhai Ambani Institute of Information and Communication Technology
Major in Machine Intelligence
July 2019 | Cum. GPA: 7.32 / 10.0

**B.E (CE)**
Vishwakarma Government Engineering College, Ahmedabad
July 2017 | Cum. GPA: 8.44 / 10.0

**DIPLOMA (CE)**
Government polytechnic, Ahmedabad
July 2014 | Cum. GPA: 9.01 / 10.0

## SKILLS

Familiar:
Core Java

Worked:
C • C++ • C# • JavaScript • HTML • CSS • MSSQL

Interest:
Data Structures & Algorithms • Operating system • Machine learning

## TOOLS

• Git
• Power BI

## ACHIEVEMENT

• 1st rank in "Hackathon 2015 - Code for Gujarat" to develop an Android app for farmers
• Managed the team of 10 members to deliver a deliverable within 2 weeks
• Microsoft 70-761 and 70-778 certified

## RESPONSIBILITIES

• Teaching Assistant at DA-IICT of Design and Analysis of Algorithms course

## EXPERIENCE

**MAQ SOFTWARE** | Software Engineer 1
July 2019 - Present | Mumbai, IN
- Currently working upon project which deals with creating Power BI reports, managing Extract, Transform and Load process, data modelling, Row level security and DAX measures
- Automated daily work items which required manual efforts using Azure runbook and webhook which resulted into increase in productivity
    - Utility that refreshes multiple Power BI reports after taking their back up in parallel using Master/slave architecture
    - Utility to re-trigger Azure Data Factory pipelines on failure of Extract, Transform and Load process automatically
- Created Azure Function to parse JSON files stored in Azure Blob, Azure Data Factory Pipelines and SSIS packages to onboard data from upstream, SQL Stored Procedures, Functions, and Jobs to transform RAW data, and SSRS/Power BI reports to visualize data in different forms

**MAQ SOFTWARE** | Software Intern
January 2019 - June 2019 | Mumbai, IN
- Worked upon .Net project that uses HTML, CSS, JavaScript, and C# to capture screenshots using headless chrome and create PowerPoint file using OpenXML or PDF file using PDFSharp API
- Created new modules for admin users, added database support to maintain logs, integrated new features of exporting files to PDF format and migrated tool to new user interface
- Worked upon creating a Power BI custom visual which calls an API of above discussed project, track progress of work done, facilitate users to customize their requests using different parameters
- Worked upon projects that deals with Power BI report embedding and Power BI REST API

## PROJECTS

**PREDICTION OF HEART DISEASE** | M.Tech mini project
- A system that predicts heart disease of users based of different attributes and past experiences using Linear regression, Logistic regression, and Artificial Neural Network
- Prediction is derived based on Age, Gender, Blood pressure and another 13 different attributes

**EXPENSE ACCOUNTANCY TRACKING** | B.E. project
- A family centralized expense manager that can record expenses. Every family can have one or more admin member who can track expenses of whole family
- Users can set savings target which can be tracked using this android application
- Users can also generate reports, upload bill images while adding expense and request for OTP over email to rest password