

Bruce Armstrong

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Summary

PROFESSIONAL SUMMARY

- I'm a self taught Full Stack Developer with 2 years of IT Experience in Developing Full Stack Web Applications,
- I'm interested to work under your Organization in order to provide value added results through Self /Adaptive learning
- I have a great Passion and interest in Coding/Programming , Problem Solver and a Team Player willing to Learn and Grow along with an Organisation

Education

B.E Computer Science and Engineering

Holycross Engineering College

CGPA- 6.71 | 67% at Holycross Engineering college,Tuticorin.

Graduating
04/2019

HSC

Magdalene Matriculation Higher Secondary School

State Board Class 12 in 2015 with 80.6% at Magdalene Matric Hr. Sec School,Tirunelveli.

Graduated
04/2015

SSLC

Magdalene Matriculation Higher Secondary School

State Board Class 10 in 2013 with 71.9% at Magdalene Matric Hr. Sec School,Tirunelveli.

Graduated
05/2013

Technical Skills

- | | |
|----------------------|----------------------|
| • Python | • Django |
| • NodeJS | • HTML |
| • CSS | • Vanilla Javascript |
| • Angular | • MySQL |
| • GitHub | • Socket.io |
| • JWT Tokens | • Sessions |
| • W3.CSS | • JQuery |
| • Firebase | • BootStrap |
| • ExpressJS | • Angular Material |
| • Typescript | • THREE JS |
| • Firebase Auth | • Firebase Storage |
| • Firebase Hosting | • Firebase Firestore |
| • Google Maps JS API | • NodeMailerJS |
| • Cloud Compare | • Blender |
| • Rx JS | • NGRX(Redux) |

Experience

Web Developer

My Role :

- Developing CIMS – Consultant Information Management System

CIMS :

- This Web App is used for Automated Gathering , Accessing (CRUD) and Management of Consultant Information
- Job Posting on different Job Portals via Web App
- User Auth with different Roles with permissions based on Role Eg : (junior recruiter , recruiter , admin and so on..)

My Responsibilities :

- Automate the Gathering of Resume of Applicants and Fetching Information from it and Uploading the Resumes Information to Database
- Creating Web Interface for Accessing those information (CRUD)
- Creating Auth with different Roles and each Roles have Specific Access Permissions
- Creating Web Interface for Job Requirement Posting which can be added to Different Job Portals via their API

Technologies Used :

- HTML, CSS, JS – Web Interface
- Database – MySQL
- Server – Python Server with Django Framework
- Python Scripts – Automated Gathering of Resumes and Information From resume and Uploading to DB
- CSS Library – Bootstrap, W3.CSS
- JS Library – JQuery
- Hosting – AWS E2 Instance
- Storage – AWS Buckets
- Authentication – JWT Tokens

Full Stack Web Developer

Phicode • Tirupur, Tamilnadu

09/2020 - 08/2021

My Role :

- Develop – Vertikaliti Web Application
- Building and Maintaining Aerodyne websites

Vertikaliti :

- This Web App is used for Accessing and Management of Telcom Tower Information
- It involves Auth system with different Roles (Eg : drone Driver, client admin , super user, admin and so on}
- Database with 1000+ towers and its Information
- Spin View of tower, Interactive Google Map of Towers, 3D View of each Tower, Orthographic Map view with Measurement Tools, Tower Image Viewer
- **My Responsibilities :**
- Creating the Interface for User Auth with Different Roles
- Interactive Google Maps View with Every Tower Locations which is fetched from DB including Lat/long coord of Tower Locations
- Tower Information Page for Accessing and Maintaining Information of each Tower with Image Viewer of that Tower

- 3D Tower View which contains Point Cloud of Tower with 3D model of Tower and its Equipments , We can Select, View, Add and Delete Individual Equipments of 3D Tower
- Spin View of Tower that contains images that are taken by the Drone in every angle , with a mini map that shows a angle of the View with respective to North of Tower and a Images uploader for Spin View
- Orthographic View of Tower with Measurement Tools to calculate Area and distance
- Admin page for Granting specific Controls and Permissions
- Documents Page for Uploading relative Docs of the Tower

Technologies Used :

- Front End Framework - Angular
- Front End UI - Angular Material , Bootstrap
- Database - Firebase FireStore
- Storage - Firebase Storage , AWS S3 Buckets
- Hosting - Firebase Hosting
- Authentication - Firebase Authentication
- 3D view - Three JS
- Map View - Google Maps JS API

Tools Used :

- Cloud Compare - Point Cloud Format Conversion
- Blender - Adding Equipments , Format Conversion

Websites

GitHub : <https://github.com/BruceArmstrong007>

Online Portfolio : <https://portfolio-e5dcd.web.app>

Hobbies

Trying out New PC OS

Trying out New OS ROMs on Android Mobiles / Tablets

Playing Android Games

Learning about upcoming Tech

Listening to Music and Youtube