

# MADHURA BHUJBAL

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## PERSONAL PROFILE

A self-taught developer and hardworking individual who is always eager to learn. Previously worked in an agile and fast-paced development environment. I have started as a front-end developer with an aim to become a full stack developer and improve my skills by working with knowledgeable individuals.

## EDUCATION & TRAINING

- **The Training Room, UK** 2018 - 2020  
Software Developer Training
- **Pune University, India** 2013 - 2015  
Masters in Electronics & Telecommunication Engineering (passed with Distinction)
- **Pune University, India** 2009 - 2013  
Bachelors in Electronics Engineering (passed with First class)

## KEY SKILLS

- Server-side frameworks : Node.js, Express.js
- Client-side frameworks : React.js, Vue.js, EJS, Pug
- Database : MongoDB
- Programming language : JavaScript, familiarity with Core Java and ASP .Net
- Testing skills : Test Driven Development using Mocha and Chai frameworks
- Version Control Tools : Git, GitHub

## CERTIFICATIONS

- CIW Advanced HTML5 & CSS3 (Passed with 94%).
- MTA-Software Development Fundamentals (Passed 79%).
- Attempted Oracle Certified Associate (OCA) Java Programmer (Scored 50%, passing was at 65%).
- Completed Tricentis (TOSCA) Automation Specialist Level 1 certification for automation testing.

## MY PROJECTS

All of my recent projects are available on GitHub at <https://github.com/madhurabhujbal>. Some of the selected projects are listed below.

### **31DaysChallenge** (Built 31 web applications in 31 days)

The idea behind this project was to build one feature every day for one month. Each project in this challenge was a small front-end web application/feature or both. These projects used modern technologies/frameworks that include React.js, Vue.js, JavaScript, CSS3, HTML5.

These projects provided me an opportunity to learn a version control tool- git and GitHub (Repository at: <https://github.com/madhurabhujbal/Challenge31Days>). Now I am extending this project further to create an umbrella website for all the individual projects, using github.io and React.js (Available at: <https://madhurabhujbal.github.io/>).

**Book Library** (A full-stack application using MEN stack)

I did this project as part of the course from PluralSight.com which introduced me to MEN stack (MongoDB, Express.js and Node.js). This project creates a small library app where information about various books is shown. The book info is obtained by consuming the GoodReads' REST API and storing it in MongoDB. This project also introduced me to the MVC (model-view-controller) design pattern for web-applications and gave me a gist of unit-testing using frameworks such as Mocha and Chai. I applied learnings from this project to enhance my website.

**Personal Website** (Deployed on Heroku cloud)

This was the very first project that I did after finishing the CIW certification exam. Initial version of the website was a set of static web pages written in HTML5, CSS3 and JavaScript. The website was hosted locally using Apache web server. I then extended it to use Vanilla JavaScript and Node.js to test my understanding gathered from various tutorials. It used only the core Node packages such as path, file system(fs), url, http etc. Later I transformed the website to use Express.js framework, which highlighted the need and power of using web-frameworks. To get a gist of hosting applications on cloud, I deployed my updated website on Heroku Cloud Platform (Available at: <https://sheltered-gorge-14869.herokuapp.com>).

**EMPLOYMENT HISTORY****WPMH Ltd.**

Oct 2020 – Present

**Software Development Intern**

The goal of this internship is to automate the existing manual UI tests. I started learning Selenium web testing framework using Node.js. So far I have developed a working prototype that automates various login scenarios. During the internship, I'm also designing a dashboard to monitor the health and status of the web applications running in AWS. This dashboard is being developed in React.js.

**Oxfam International, Manchester**

Jan 2018 - May 2019

**Volunteer**

Handling the till, customers, shop arrangements once a week. I got an opportunity to interact and work with people with varied backgrounds, cultures and speaking different languages. This helped me develop & enhance my interpersonal and management skills.

**Capgemini India Pvt. Ltd, India**

Nov 2015 - Feb 2017

**Software Engineer**

Worked in a banking domain with customers across the globe. I was a part of the software development team, which adhered to Agile working methodology. This enabled me to work in a fast-paced environment with continuous deliverables. Also got an opportunity to work on the production issues that required working in stringent time constraints. My work required use of IBM Mainframe and COBOL language.

**INTERESTS**

Enjoy writing short stories, screenplays and poems. Have written stories for short films & documentaries and also directed a play earlier. Currently, I am combining my enthusiasm for technology and love for writing in the form of a website.