

<Hamida Mandani/>

Engineer | Entrepreneur | Enthusiast

GitHub: <https://github.com/mandani-tech> Portfolio: www.hamidamandani.com

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PROJECTS

E-commerce Wine & Spirits Web Application:

Description: This is an e-commerce website where a user can search for a product. A secure logged in user can add items to their shopping cart. The cart displays total with taxes and they can now pay for the total using a debit card, credit card or PayPal account.

<https://github.com/mandani-tech/myPassionProject>

- Implemented a full-stack web application using **Python & Django framework** for backend in **Linux based OS Ubuntu**.
- Front end was designed using **HTML, CSS, Bootstrap and Django's Templating Engine**.
- Implemented Login Authenticated using Django Secure User Model.
- Implemented **many to many** relationships between **data models**.
- Experience in using **IntelliJ Editor** and **Visual Studio Code**.
- Experience in using version control systems using **GitHub**.

Screencastify: <https://bit.ly/QuenchScreencast>,

Memphispedia - My Version of Wikipedia:

Description: This application is a mock of Wikipedia. A user that visits a site can look for an article about Memphis Tourism, Memphis Grizzlies, Memphis tourist sites, Memphis Barbeque by using search bar. Every article displayed has three related articles. User can create a login account and add main articles along with any number of related articles. They can edit and delete these articles. <https://github.com/cs-fullstack-2019-fall/project2-django-wikipedia-mandani-tech>

- Implemented a full-stack **CRUD** application using **CSS & HTML** for frontend and **Python Django** backend.
- Experience in working with server side technologies including databases, RESTful APIs and MVC design patterns.
- Used Foreign Keys in Data models for **one to many** relationships for creating related articles for the main article posted.
- Implemented search bar using query search.
- Experience with Project deployment using **Linux Scripting** and **Digital Ocean**.

Deployed @ <http://app1.hamidamandani.com/>

Sesame Street's Cookie Fight - MMO Game:

Description: A player can create a profile, add an avatar like Elmo or their favorite character, player can shop for a cookie weapon and play a cookie fight with the cookie monster and damage the monster with their damage power plus their weapon damage power. The monster gets hit and in return causes damages to the player. When the monster's life points end it disappears. <https://github.com/cs-fullstack-2019-fall/reactdjango-project2-mandani-tech>

- Implemented a full-stack game with **React JS** for frontend and **Python Django** restful framework for backend.
- Proficient in developing responsive **Single Page Application (SPA)** and **Dynamic Web Applications** using **MVC Architecture** Using **React framework**.
- Developed class-based component that can be used to handle state using **ReactJS** and Integrated with **REST API**, iterating through a **JSON** response in **JSX** Render by using **React.js**

CERTIFICATIONS

Microsoft

MTA: Introduction to Programming Using JavaScript 2020

WORK AUTHORIZATION

US Citizen, authorized to work in USA

SKILLS

HTML

CSS

JavaScript

React

Python

Bootstrap

Django Framework

RESTful API integration

PostgreSQL

C# .Net

GitHub

Postman

Linux

Ubuntu

Visual Studio Code

IntelliJ

EXPERIENCE

Sagar Group Inc, Memphis — Project Manager IT

Dec 2009 - PRESENT-- Started multiple small businesses from the ground up. Experience managing multiple projects, people and systems. Experience in Retail Supply Chain and Inventory Control.

- Implemented a full-stack website using **Python & Django framework** for backend and HTML, CSS and Bootstrap for front end.
- Used Homestead template for implementing websites and maintaining them.
- **Gourmet Market & Deli website:** <https://citymarketmemphis.com>
- Gathered business requirements from stakeholders. Designed wireframes. Designed the company logo and menu .Implemented the web application. Deployed and maintained business marketing material and the company website.
- **Automated Payroll Process:** Implemented automated payroll processing using Time Pilot payroll processing system for small business.
- **Automated Inventory Control:** Designed and implemented POS System including, Sales Reporting & Analytics providing data transparency. Automated Inventory Management using barcode SKUs eliminating manual inventory.

Achievements

- I gained confidence in my ability to make critical judgment decisions to sustain business.
- I was twice awarded by Downtown Memphis Commission a Retail Forgivable loan and façade grant.
- I have been awarded certificates by the City of Memphis for being an asset to the City as an entrepreneur that continues to add value to the community.

Vodafone, Mumbai — Systems Engineer

May 2005 - June 2007-- Responsible for the south Mumbai Zone, RF design, Optimization, KPI monitoring.

- Analyzed the need for radio network enhancement to improve coverage and capacity, propose and present network design plans.
- Created plots that depicted current and forecasted network configuration.

Messung Systems — Engineer Intern

June 2004 - April 2005- Implemented an Ethernet module for Programmable Logic Controllers as final year BE project. Learned SCADA systems, Mat Lab and interfaced the Ethernet module using C Programming.

LANGUAGES

English, Hindi,
Gujarati and
Marathi

EDUCATION

University of North
Alabama, Florence
MBA, Computer
Information Systems:
2007 - 2009
GPA 3.58

University Of Pune,
India Bachelors in
Engineering,
Electronics and
Telecommunications:
2001 - 2005
GPA 3.89

Government
Polytechnic, Mumbai
India Diploma in
Industrial Electronics:
1998 - 2001
GPA 3.79