**ABI TIMSINA**

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**PROFESSIONAL SUMMARY**

Full Stack developer with professional expertise in Python, Javascript, C#, data structures, algorithms, object-oriented programming, and relational, non-relational databases. Great at picking up new technologies and design concepts. Strongly attentive to details and organized for writing clean code. Eager to find new opportunities where I can further develop and build applications to change the world.

**Technical Skills**

**Web Fundamental**: HTML, HTML5, CSS, CSS3, git, jQuery, Bootstrap

**Python**: Python3, Flask, MySQL, Bcrypt, Ajax

**MEAN**: ES5, ES6, TypeScript, Node, Express, Angular, MongoDB, NoSQL, Mongoose, Bcrypt, Postman

**C#**: C# language, Fundamentals, .NET Core, ASP.NET Core, MVC, Entity Framework, MySQL

**Java:** Eclipse

**Front-end/Libraries:** Mongoose, jQuery, Ajax, Bootstrap

**Frameworks:** Angular, Flask, NodeJS, Express

**Dev Tools:** GitHub, VS Code, Sublime Text, Postman, Eclipse

**Database:** MongoDB, MySQL

**Projects**

**MEAN STACK PROGRAMMER TEAM LEADER - Project Restaurants** (technologies used: JavaScript, Angular, MongoDB, Express, node.js)<https://github.com/abitimsina/Restaurant>

* Assumed the Leadership role for programming Restaurants on the Big Screen for the group.
* Lead the team using Template Driven Forms using NG model Directives that extend HTML to enhance real time updates using two way data binding models.
* Designed for scalability using two frameworks for separating into front and back frameworks.
* Designed using basic CRUD queries in Mongoose for a NoSQL database application.
* Designed and stored the restaurant’s review/rating using MongoDB
* Created a star rating system and comment section using Angular for customers best reviews.
* Discussed and created high standard reviews and rating system.

**PYTHON STACK PROGRAMMER - Project Private Wall** (technologies used: Python, Flask, MySQL, HTML, CSS) <https://github.com/abitimsina/Private-Wall>

* Designed project using secure Login and Registration Form with Validations, Python logic, Bcrypt email pattern recognition, Password hashing, flash error messages and session.
* Designed the project so that once a user has logged in, they can view their messages on the dashboard wall and can send messages to other registered users.
* Developed program for applications using flask, MySQL db, HTML forms and CSS.
* Created for one-to-many relationships where users can message each other. User can update their own messages with filtering options that used both jinja and MySQL logic.

**C# PROGRAMMER - Project Wedding Planner** (technologies used: C#, ASP.net, ORMs, MySQL, MVC, Entity Framework, .NET, HTML, CSS)<https://github.com/abitimsina/Wedding-Planner>

* Designed and written using C#. Application allows registered users to plan a wedding.
* Designed and implemented database that operates many-to-many SQL tables.
* Designed project using Many-to-Many for Wedding Invitees to RSVP and Un-RSVP weddings.
* Developed an application to register wedding’s information using an ORM approach in Entity.
* Designed login and registration with [ASP.NET](http://asp.net) validations
* Designed for multiple models to appear on a page using ViewBag and @Model.
* Designed a toggle switch for Visitors to RSVP/Un-RSVP and to view attendee lists.

**JAVASCRIPT PROGRAMMER - Commerce Manager** (technologies used: MongoDB, Angular, JavaScript, Express, Node.js, EJS, HTML)<https://github.com/abitimsina/Commerce-manager>

* Designed and developed an application with basic CRUD operations. i.e. Clients can add new products as well as update and delete them.
* Used MongoDB to store the product list.
* Designed with Template Driven Forms using NG model directives and validations to ensure clients desired information enters a NoSQL database.
* Implemented model binding for instant update.
* Designed and written using JavaScript and Angular.

**WORK HISTORY**

Micron Technology, Boise, ID 2015 - 2018

**PRODUCTION OPERATOR**

* Operate equipment safely and effectively for production processing. Loading and unloading production material on/off semiconductor tools.
* Work under the guidance of Supervisor to perform and complete the assigned duties in a timely manner.
* Cut and inspected parts to assure the parts meet the company’s requirement. Read the processing chart to keep update with the parts.

**EDUCATION**

**Coding Dojo -** *Full-Stack Web Developer Certificate with Belt Honors*  2019 - 2019

*Certified in: Web Fundamentals HTML, CSS, Javascript - MEAN, MongoDB, Python, C# MySQL*

**Boise State University** - *Undergraduate Studies in Computer Science* 2015 - 2017

**Dennis Technical Education Center** - *Information Technology*  2014 - 2015