

# 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](#) 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