

SAMEEP MUKESH SHAH, MS

Boston, MA

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SOFTWARE ENGINEER □ APPLICATION DEVELOPER □ FULL-STACK DEVELOPER

Software Development □ System Design □ Process Improvements

Dynamic, detail-oriented, Full-Stack Developer highly regarded for programming, designing and developing full-stack applications. Recognized as an analytical programmer with a proven track record of excelling at learning new technologies and applying them to develop clean and well-structured code. Experienced at working on projects from initial idea and development phase (vision/analysis), performing all design/architecture work, and delivering the completed product. Known for outstanding presentation and communication skills, and works exceptionally well within a team environment and individually. Exceptional academic qualifications, including a Master of Science degree in Computer Science from the University of Massachusetts.

CORE COMPETENCIES

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|-----------------------------------|----------------------------------|-----------------------|
| ▪ Application Programming | ▪ Solution Architect | ▪ Application Testing |
| ▪ Object-Oriented Technology | ▪ Software Analysis and Design | ▪ Lean/Agile |
| ▪ Software Development Life Cycle | ▪ Database Design/Development | ▪ Process Improvement |
| ▪ Project Management | ▪ Full-Stack Design/ Development | ▪ Unit Testing |

EDUCATION

University of Massachusetts, Boston, MA: 2018

Master of Science – Computer Science (GPA: 3.74/4.0)

- **Relevant Coursework:** Database Application Development, Theory of Computation, Artificial Intelligence, Neural Networks(Research), User Interface Design, Mobile Application Development, Object-oriented Design Patterns

University of Mumbai, Mumbai, India: 2016

Bachelor of Engineering – Computer Engineering (GPA: 3.3/4.0)

- **Relevant Coursework:** Data Structures, Analysis of Algorithm, Data Warehouse and Mining, Computer Graphics, Parallel and Distributed Systems, Computer Organization and Architecture, Operating System, Compilers.

PROJECTS

Social Media Tool with GPS, University of Massachusetts, Boston, MA: 2017

- Created a complete social media Android application that could edit and upload images with GPS.
- Designed the back end and front end, and used calling services from front end to back end.
- Fetched all image data from the back end.
- Technology used: Android Studio, JSP, MySQL, JSON

Handwritten Digits Recognition Using Machine Learning (), University of Massachusetts, Boston, MA: 2017

- Built a three-layer neural net for classification of hand-written digits.
- Integrated data sets, defined a mathematical model for it, and implemented a machine learning algorithm.
- Technology used: Python, Java, MNIST, TensorFlow

Mass Housing Risk Analysis Project (Java), University of Massachusetts, Boston, MA: 2017

- Devised a machine learning model to predict the financial grade of clients, and implemented various data pre-processing techniques.
- Developed critical analysis based on the accuracy results of machine learning model when tested with different data.
- Technology used: K-Nearest Neighbors algorithm, Weka, Java

Music Store Application, University of Massachusetts, Boston, MA: 2016

- Developed a music store as an online client-server application.
- Designed the database architecture and integrated various functionalities such as sign in, sign up, downloads, card, checkout, and generating invoices.
- Created test cases and performed unit testing.
- Technology used: JDBC and Java Spring frameworks, Oracle, Apache Tomcat server

PROFESSIONAL EXPERIENCE

Talbots □ Boston, Massachusetts □ 2018 – 2019

Full-Stack Ecommerce Developer

- Developed and maintained front-end for the ecommerce website of Talbots on Oracle ATG platform.
- Integrated various scripting functions using JavaScript to make several functionalities dynamic.
- Assigned as Project lead for developing and A/B testing a major navigation cross-browser functionality.
- Implemented various Landing pages on Salesforce Cloud.
- Reduced time by 90% for maintaining a weekly update by making a html page on Salesforce platform into dynamic using vue.js.
- Hacked into existing code written by the back-end team on business executives demand to make necessary updates on the front-end.
- Developed a code in collaboration with the back-end team to protect click attack on Checkout page.
- Architected and implemented Lazy Load functionality on the site improving performance by ~60% and reducing TTFB by 0.5 sec.
- Effectively saved \$10,000/year for Talbots by giving an easy solution for email form sign-up using an existing API.
- Technology used: JavaScript ES6, Angular.js, Vue.js, Bootstrap, Bulma, Salesforce Commerce Cloud, JQuery, express.js, JSON, node.js, react.js, Mongo DB.

IDM Systems.co ☞ Vancouver, Canada ☞ 2018 – 2018**Full-Stack Developer**

- Developed a fully functional dynamic website to gather, manage, and analyze the data collected by the company.
- Integrated encryption for secured login of various levels of employees.
- Implemented web services, designed the backend and frontend, and created the server and database connection.
- Technology used: Spring MVC's, angular.js, JQuery, express.js, JSON, node.js, react.js, Mongo DB.

University of Massachusetts ☞ Boston, MA ☞ 2017 – 2018**IT Technical Support Manager**

- Create and maintain detailed database records on the use of equipment with strict attention to detail.
- Provide technical support to faculty staff, students, and external classroom.
- Install and maintain PC hardware and software to allow users to efficiently access the network.
- Perform basic user training on applications to increase end-user efficiency.

Salt Studios Pvt Ltd ☞ City, India ☞ 2013 – 2014**Web Software Developer**

- Collaborated with the web development team to create and maintain a fully functional dynamic website.
- Designed and developed a front-end public website as well as a challenging back-end server.
- Integrated data from back-end databases, and developed and customized website layout.
- Defined, developed, and executed test cases to discover errors and optimize usability.

TECHNICAL SKILLS	
PROGRAMMING LANGUAGES	Java, Python, JavaScript, CSS, HTML, XML, XHTML
OPERATING SYSTEMS/PLATFORMS	Windows, Linux, Mac-OS, Java EE/J2EE
METHODOLOGIES	Agile, SCRUM
DATABASES	MySQL, Oracle, Mongo DB
SOFTWARE	Microsoft Office (Word, Excel, PowerPoint, Outlook)
NETWORKING	RESTful API
CLOUD PLATFORMS	Amazon Web Service, Salesforce
DEVELOPMENT SOFTWARE TOOLS	JIRA, Selenium, MVC, React, Apache (Ant, Maven, JMeter)
FRAMEWORKS	Bootstrap, Spring, Hibernate, Angular.js, Node.js, Vue.js, React.js, JQuery, Express.js, JUnit
IDE	Microsoft Visual Studio, Eclipse, NetBeans
REVISION CONTROL	Jenkins, Git/Subversion

ADDITIONAL CREDENTIALS	
HONORS AND AWARDS	Employee of the Month – Salt Studios Pvt Ltd
PROFESSIONAL DEVELOPMENT	Oracle Certified Professional Java Programmer Certification
ORGANIZATIONS	IEEE Computer Society Technical Council on Software Engineering
INTERESTS	Soccer, healthy eating, learning about nutrition

Detailed Professional References Available upon Request

