

# KRISHNANAND SUSHIL JHA

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## EDUCATION

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### Northeastern University

Boston, MA

Master of Science in Information Systems (GPA: 3.5/4)

Expected May 2024

**Courses:** Web Design, Application Engineering & Development, Database Management & Design and User Experience Design/Testing

### University of Mumbai

Mumbai, India

Bachelor of Engineering in Electronics and Telecommunications Engineering

Aug 2016-Oct 2020

**Courses:** Digital Signal Processing, Computer Communication Networks, Database Management, OOP using Java, Signals and Systems, Wireless Networks, Electronic Devices and Circuits

## TECHNICAL SKILLS

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**Programming Languages:** Java, Ajax, jQuery, Typescript, MySQL, Mongo DB, Dataweave 2.0, HTML5, CSS, JavaScript, React, AngularJS, NodeJS, C.

**Software:** Anypoint Platform, Anypoint Studio, Postman, NetBeans, Visual Studio Code, Beyond Compare, Figma

**Operating Systems & Other Tools:** Linux, GitHub, AutoCAD, Jira, Windows, WinSCP, Azure DevOps, Jenkins, Agile Methodologies, Mac OS Microsoft 365, PowerBI, ServiceNow, Balsamiq, Moqups

**Certification:** Mulesoft Certified API Developer – Mule 4

## WORK EXPERIENCE

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### System Engineer, Infosys Ltd.

Pune, India

- Operated as a Mulesoft support engineer and developer for one of the major accounting firm Jan 2021- Aug 2022
- Automated the with CI/CD pipeline using Jenkins, DevOps Apache Maven and other integration tools which reduced the time and labor required for manual deployment by **60%**
- Implemented a diverse range of robust Database models to effectively store mission-critical information and adeptly crafted corresponding queries to optimize data retrieval and manipulation.
- Designed client systems that facilitated a network of integrated employee reimbursement applications utilized by over 5000+ users and clients
- Hands-on experience about software development life cycle, designed and deployed multiple system APIs successfully

### Automation Intern, Expertshub Industry Skill Development Center

Pune, India

- Led a team of ten members and successfully completed a project based on IoT Jun 2017-Jul 2017
- Automated the project based on a smart weather monitoring system that dealt with real-time data and offered solutions to agricultural problems
- Combined ESP8266 microcontroller and Arduino Uno to make the project functional and obtain desired outputs

## PROJECTS

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### Carpooling: Database Management and Design Project

Jan 2023- current

- Implemented a database to solve the problem of finding the most efficient and cost-effective rides for individuals.
- Designed the database using the Entity-Relationship Diagram (ERD) model, which helps to visualize the relationships between entities and their attributes.
- Normalized the database to reduce redundancy and improve data consistency.
- Implemented foreign keys and primary keys to ensure data integrity and enforce referential integrity constraints.

### NutriFit: Web Page for Nutrition and Gym ([Link](#))

Sep 2022-Dec 2022

- The Website consists of various pages that include Diet Plans, Online store for buying gym essentials, Gym Membership Plans
- Implemented various pages of the website such as user registration, login, filters, cart, etc.
- Exploited various React components to implement the front-end and MongoDB for database
- Incorporated Auth 2.0 for managing and storing user profile

## PUBLICATIONS

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### [Review on estimation of ionospheric Total Electron Count](#)

Sep 2020

**Publication name:** International Research Journal of Engineering and Technology.

## CO-CURRICULAR ACTIVITIES

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- Training program based on IoT in Robotics
- Workshop on Design and fabrication of nano-quadrotor Pluto.