

# Ronit Chougule

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## EDUCATION

### Northeastern University

Boston, USA

Master's in Information Systems GPA: 3.8/4.0

Aug 2021 – May 2023\*(Expected)

Graduate Courses - Application and Engineering Development, Database Management, Web design, Web development tools and Methods.

### Pune Institute of Computer Technology, University of Pune

Pune, India

Bachelor of Engineering, Information Technology, GPA: 3.4/4.0

Aug 2014 - May 2018

## SKILLS

**Programming Languages :** Java, C#, C, C++, JavaScript, PHP

**Web Technologies :** HTML, CSS, NodeJS, ReactJS, ExpressJS, Rest API, Microservices, JSON, Ajax

**Database Technologies :** MySQL, MongoDB

**Frameworks and Tools :** Spring Boot, Spring MVC, Hibernate, Git, Jira, SQL Server Management, NetBeans, Kibana, Grafana, Postman, Servlet, JSP, AWS

## EXPERIENCE

### Tripstack Pune, India

#### Software Engineer

June 2019 - July 2021

- Assembled different aspects of EFOE (Every Flight on Earth) product and also automated refund processes by incorporating microservices and REST API to save 2 hours of daily manual toil.
- Proposed options for performance improvement and suggested feasibility solutions for reducing bot detection issues by 20%.
- Strengthened recipes (C# code files) to raise success rate of search, avail and booking steps by 50% across, this immensely helped to generate more revenue.
- Promoted as a software engineer and led the team which worked on Exclusive Discounted Airfares within a year of joining.
- Remodeled projects to slash execution time to less than 5 seconds by combining caching and JSON approach.
- Improved caching speed of searches by removing long persistent price change issues resulting in 40% spike in customer traffic.
- Improvise bot detection bypass techniques to increase profit up to \$100k per year.

#### Web developer

June 2018 - June 2019

- Optimized operations cost of several projects by reducing proxy cost by 50% with help of Luminati Proxy Manager tool.
- Extracted data of various airlines utilizing .Net, and C# to integrate Low-Cost Carrier Airlines in a REST API.
- Spearheaded training sessions for 30+ newly recruited people and familiarized with company's different code bases.

## ACADEMIC PROJECTS

### Shopping Cart Management | Northeastern University, Boston, MA

- Developed backend for shopping cart management application using spring boot and deployed it on AWS EC2.
- Designed RESTful APIs with the ability to do CRUD operations using filters and tags.

### Hospital Management System | Northeastern University, Boston, MA

- Constructed a Swing Java Project to facilitate and maintain records of patients of different conditions along with combined functionalities of pharmacy, blood bank, and insurance organization.
- Forecasted complete model using concept of applying engineering principles and merged advanced functionalities such as google maps, email, and SMS.

### Covid Tracking Database System | Northeastern University, Boston, MA

- Designed and implemented the SQL database schema with all the academic project requirements to maintain and keep track of covid data of university students, faculty, and staff.
- The project includes many stored procedures, functions, triggers, and subqueries to display useful information to end-user with the help of statistical data.

### Career Navigator| Pune Institute of Computer Technology, Pune, MH

- Built a full-stack web application to facilitate students to apply for suitable coaching institutes reducing searching time.
- Modeled & implemented MongoDB for data manipulation & operations, connected database using NodeJS scripting language.
- Engineered all user and admin web forms using HTML, CSS, and bootstrap.

## LEADERSHIP / VOLUNTEERING

- Event Coordinator** of Credenz Tech Event – Conducted workshops to improve participation and inclusivity across different groups. Managed over 70 students on a technical team. Member of IEEE credenz event fundraising team.
- Event Organizer/Committee Member** for IEEE event Impetus and Concepts in bachelor's program.