

RONIT CHOUGULE

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EDUCATION

Northeastern University

Master of Science (GPA - 3.8/4.0)

Boston, USA

Expected May 2023

Relevant Courses: Application and Engineering Development, Database Management and Design, Web design and User Experience, Web development tools and Methods, Spring boot.

Savitribai Phule Pune University

Bachelor of Engineering - Information Technology (Grade - A)

Pune, India

May 2018

Relevant Courses: Object-Oriented Design, Dot Net Programming, Data Structure, Algorithm, Operating Systems.

WORK EXPERIENCE

TRIPSTACK

Software Developer

Pune, India

June 2018 - July 2021

- Extracted data of various airlines utilizing .Net, and C# to integrate most of the Low-Cost Airlines in an API to provide details of every flight to end customer.
- Assembled different aspects of product EFOE (Every Flight on Earth) and also automated refund processes by incorporating micro-services and web API to save 2 hours of daily time.
- Proposed options for performance improvement and suggested feasibility solutions for reducing bot detection issues by 20%.
- Optimized operations cost of several projects by reducing proxy cost by 50% with help of LMP tool.
- Spearheaded training sessions for over 30 newly recruited people and familiarized with company's different products.
- Strengthened recipes (C# code files) to raise success rate above 90% across all steps helping generate more revenue.
- Remodeled projects for faster results to boost execution time to below 5 seconds by combining JSON approach.
- Improved caching speed of searches removing long persistent price change issues resulting 20% increase in customer traffic.
- Improvised bot detection bypass techniques to increase profit up to \$100k per year.

TECHNICAL KNOWLEDGE

- Programming Languages & Skills - Java, C#, C++, System Design, Json, Web development, TDD.
- Web Designing - HTML, CSS, JavaScript, Bootstrap, PHP, Rest API.
- Databases - MySQL, Mongo DB, Oracle.
- Tools - Git, Jira, Microsoft Azure Studio, SQL Server Management, Visual Code, NetBeans, Kibana, Grafana, Postman.

PROJECTS

HOSPITAL MANAGEMENT SYSTEM.

Boston, USA

Northeastern University

September 2021 - October 2021

- 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.

HEALTHCHAIN.

Pune, India

Pune Institute of Computer Technology

August 2017 - March 2018

- Developed a web application using solidity and embark framework for storing sensitive medical records and history of patients utilizing blockchain technology increasing security.
- Fabricated front-end using Bootstrap Framework to enhance GUI.
- Assembled multiple features, designed user forms with HTML & CSS and integrated SHA algorithm to revamp security.

CAREER NAVIGATOR

Pune, India

Pune Institute of Computer Technology

April 2016 - June 2016

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

PUBLICATION

"Blockchain technology and its applications" International Engineering Research Journals, 29 May 2018.

"Spam E-mail Detection using Classifiers and Ada-boost Technique" IJCEA, 15 April 2017.