

Anirudh Ramesh Srivatsa

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Available – Jan 2022

EDUCATION

Northeastern University, Boston, MA.
Khoury College of Computer Sciences

Jan 2021 – Dec 2022 (Expected)

Master of Science in Computer Science

GPA - 3.83

Courses: Algorithms, Database Management Systems, Web Development

Visvesvaraya Technological University, India

Aug 2016- May 2020

Bachelor of Engineering in Information Science and Engineering,

GPA - 8.75/10

Courses: Object Oriented Programming, Data Structures, Databases, Software Engineering, Algorithms

TECHNICAL KNOWLEDGE

Languages: Java, Python, JavaScript, R, C, C++

Databases: MySQL, Hibernate, MongoDB

Web technologies: HTML, CSS, PHP, Node JS, React JS, Ionic, REST, Microservices, JPA, Jmeter

Certifications: Python Master Specialization- Univ of Michigan

WORK EXPERIENCE

Tech Mahindra, Bengaluru, India

Jan 2019 - Mar 2019

Intern

- Built, extended, optimized and documented REST API endpoints using Postman for BlueMarble, an end-to-end OMNI-channel based solution for major Dutch conglomerates like Delta and Vodafone
- Optimized the performance of critical APIs by creating thread groups using Jmeter to load test the application with over 1000 concurrent users.
- Designed schema, built back-end database using MySQL; Handled UI integration with backend services
- Created key modules in RESTful web services using Java, Spring Boot and JPA

PROJECTS

Northeastern Marketplace :

May 2021-Aug 2021

- Co-founded a digital marketplace for Northeastern University where students and alums can trade within the community
- Developed a responsive web application using MERN stack ; Created reusable components using React JS and worked on backend using Node JS, Express JS and MongoDB ; Used git version control
- Set up Oauth 2.0 to access Google APIs using react native and deployed the application on Heroku

Datawarehouse mining using R:

Mar 2021- May 2021

- Designed normalized OLTP database to analyze the historical data of bird strikes on aircrafts
- Worked on querying and manipulation of OLAP data using XQuery/XPath and XSLT
- Created a Datawarehouse to mine, visualize and build a predictive model using R

Steganography using Generative Adversarial Networks (GAN) - Undergraduate Capstone

Jan 2020- Aug 2020

- Developed a Deep learning based steganographic technique and built an application to secure defense data in seemingly ordinary pictures aimed at evading detection by modern Steganalysis tools using GANs
- Implemented entire backend and front-end modules for the application using Django web framework in Python
- Worked on setting up AWS EC2 instances & AWS Cognito for identity management services

PUBLICATIONS / INTERESTS

- Research article titled “ExypnoSteganos - A smarter approach to Steganography” published in the Journal of Intelligent & Fuzzy Systems. DOI: 10.3233/JIFS-189879 *April 2021*
- Awarded the prestigious Guinness World Record for participating in the largest group singing choir, India
- Carnatic classical instrumentalist – Collaborated with different musicians on independent albums and shows