

Chaitanya Sagar

chaitanyasagar98@gmail.com

111 Erie Street, Jersey City, NJ 07302

Phone +1 (551) 689-7129

EDUCATION

New Jersey Institute of Technology, USA

Master's in Computer Science, GPA 3.6

Sept 2021 – May 2023

Guru Gobind Singh Indraprastha University, New Delhi, India

Bachelor's in Information Technology, GPA 3.2

Aug 2017 – July 2021

TECHNOLOGY SUMMARY

Programming Languages: JAVA, Python, JavaScript, TypeScript, SQL, C/C++, Embedded C, R Programming.

Scripting Languages: Python, Java Script, HTML, CSS, XML, JSON.

Frameworks, Databases & Servers: Angular 2+, Node.js, Express JS, No-SQL, MongoDB, MySQL, JDBC, Oracle, Tomcat Apache, PhpAdmin.

Tools and Technologies: Git, Visual Studio, Linux, MATLAB, Android Studio, Arduino IDE, Raspbian OS, Excel.

Certifications – Internet of Things, Java Level 1, Java Level 2.

WORK EXPERIENCE

Checkbox Technology Pvt. Ltd.

May 2022 - July 2022

Noida, India

Role: Full Stack Developer

Company Profile: Checkbox is a USA based company with branch offices at Kolkata and Noida in India. From Embedded systems, Analytic, Business Insights to Digital Transformation, Checkbox partners with organizations and institutions globally to create value and drive change to help companies build stronger businesses.

Responsibilities

- Deep understanding of the code base.
- Creating REST APIs using Express JS and Node.js.
- Following AGILE methodologies for working along with the planned sprint.
- Using Git for version control.

Technologies and Methods used: JavaScript, Node.js, Angular 2+, TypeScript, MongoDB, No-SQL, Express JS, HTML, CSS, Boot Strap, REST APIs

Defense Research and Development Organization

May 2020 - July 2020

New Delhi, India

Role: Research Intern

Company Profile: The Defence Research and Development Organisation (DRDO) is the premier agency under the Department of Defence Research and Development in Ministry of Defence of the Government of India, charged with the military's research and development, headquartered in Delhi, India.

Responsibilities

- Research and study about the biometric systems and their security architecture.
- Study the research papers given and implement the algorithms for making the cancellable biometric templates using MATLAB (Image Processing Toolbox).
- Also, implement the biometric metrics to check the performance of the cancellable biometric templates.

Technologies and Methods used: MATLAB, Data Analysis.

ACADEMIC PROJECTS

Portfolio Website: www.sagarchaitanya.com

This project is my portfolio website that showcases my work and let you know lit bit about me.

Technologies Used: React, React.js, Angular.js, JavaScript, TypeScript, MailChimp, Digital Ocean

Search Engine for WikiDump

This project seeks to build a search engine for WikiDumps in XML for based on Google search engine framework.

Technologies Used: Python, Java, XML parsers, Data Structures and Algorithms, WebGraph, MapReduce

Bank Of NJIT

In this project seeks to build a work-frame for a bank with a database, which manages every transaction going through the bank.

Technologies Used: HTML, CSS, Bootstrap, PHP, MySQL and Relational Database