Haris Gunasekaran
Boston, Massachusetts, 02120 | (617) 909-9502
gharis2k20@gmail.com | www.linkedin.com/in/haris11/
MAY 2023 - DEC 2023

EDUCATION

Northeastern University, Boston, MA | September 2022
Khoury College of Computer Sciences | Expected June 2024

Master of Science in Computer Science, GPA: 3.5/4.0
Related Courses: Programming Design Paradigm, Database Management System, Algorithms, Web Development

Anna University, Chennai, India | August 2022

Bachelor of Engineering, Computer Science and Engineering, GPA: 3.65/4.0
Related Courses: Object Oriented Programming, Data Structures, Databases, Software Engineering, Web Development

TECHNICAL KNOWLEDGE

Languages: SQL, JavaScript, HTML5/CSS3, Java, C/C++, Python
Databases: MySQL, NoSQL, MongoDB
FrameWorks NodeJs, JSON, Express.js, React, JQuery, Junit, Swing

EXPERIENCE

Full Stack Developer Intern | July 2021 - October 2021
FossFreaks, Chennai

- Formulated and developed 5-10 webpages to support e-commerce and healthcare platforms leveraging React features, converting 15-20 mockups into usable web presence which works coherently across devices of 7+ screen sizes.
- Generated database schema to manage and interact with 45,000-50,000 customer data with help of Mongo DB.
- Analyzed and optimized performance bottlenecks in 4+ existing back-end systems, such as database queries, storage solutions, to increase response and execution time thereby improving user experience working with application.
- Designed 30+ automated tests to raise code quality as part of the development process, ensured 100% working of code.
- Integrated and deployed around 10-20 Webpages by utilizing Git and AWS.

PROJECTS

Twitter Clone, Northeastern University | December 2022 - Present

- Designed web application using MERN stack, allow 100-200 users to tweet, retweet, delete tweet using react, node.
- Managed APIs resources, integrate multiple external API to embed content from different sites into web pages such as Standard v1.1 twitter API to post, interact, and retrieve 1000-2000 dummy data which works seamlessly across device.
- Enforced design pattern, analyzed and maintained working user database with MongoDB, storing 5000-1000 tweets, 100-200 users information and completed error handling and data validation achieving 100% accuracy.

Stock Master, Northeastern University | September 2022 - December 2022

- Developed application with Java by identifying real time data of 600-900 stocks from web API, and displaying stock information using data fetched from API allowing user to create upto 30 portfolios, sell, buy stocks and do investment.
- Built around MVC design, implemented 5-6 design patterns such as command design pattern, facade design pattern, general command call back design pattern and adapter design pattern thereby improved code effeciency by 90%.
- Intergrated 100% code testing using Junit, achieved 93% success rate testing all parts of code ensure code correctness.

Car Rental System, Northeastern University | October 2022 - December 2022

- Programmed database system to store 1000-2000 customers and car data, where user can rent, return car, provide feedbacks and admin monitors 1000-2000 user's, car information and securely store information into database.
- Formulated Relational database by creating 15-20 Schemas, 50-60 database programming objects procedures triggers, functions and events to manipluate data stored in database, display to user who are authorized to have access.
- Incoperated and executed 100-200 Data Integrity Matrix, to ensure that the data is accurate, consistent and reliable.

LEADERSHIP EXPERIENCE

Association of Computer Engineers, Anna University, Chennai | August 2019 - August 2020
Executive Member

- Planned, coordinated Hackthoons, 30-40 technical events and programs for students in computer science domain.