






JOEL SADANAND SAMSON

Fairfax, Virginia 22030

 JoelSamson |  joelsamson |  joelsamson.com |  jsamson6@gmu.edu |  1(571)-621-2655

Education

George Mason University

Master of Science in Computer Science; GPA: 3.78

Jan 2022 - Present

Fairfax, VA

NMAMIT Institute of Technology

Bachelor of Engineering in Information Science & Engineering; GPA: 3.68 (9.00/10.0)

Aug 2017 - Oct 2021

Nitte, India

Experience

Nexus 8 International, LLC

Software Development Intern | UX/UI Design, HTML, CSS, Javascript

Jan 2022 – Present

Fairfax, VA

- Revamped 10+ web pages and features, achieving 10x boost in customer feedback ratings.
- Optimized website interface with modern design elements to improve user-friendliness, resulting in an estimated 10x increase in visitors.
- Optimized weekly team strategy meetings and facilitated productive discussions among 20 members with new processes.

George Mason University

Graduate Teaching Assistant | Data Analysis, Management

Aug 2022 – Present

Fairfax, VA

- Reinforced student learning of skills and materials through weekly check-ins, informal assessments, and observations
- Completed all assigned tasks, which included preparing and grading assignments and tests while leading small group discussions, enabling the teacher to complete 96% of lesson plans on time
- Maintained academic records, and processed quarterly report cards for 80 students, ensuring accuracy and speed

Quality Theorem

Web Developer Intern | UX/UI Design, HTML, CSS, Javascript, PHP, MySQL

Dec 2019 – Jan 2020

Bangalore, India

- Collaborated in developing a multi-functional examination website making exam systems 70% faster in the University
- Generated responsive web designs that met company standards/protocols maximizing speed and performance by 30%
- Spearheaded team of 5 interns to address 50 tasks per week

Projects

E-Commerce System Interface | C, SQL, MySQL API

Apr 2022 - May 2022

- Programmed an E-commerce Interface in C for users to Sell, add Inventory and generate bills with 6% Tax
- Designed a storage system, to add product data using MySql C API for SQL queries and improved efficiency by 25%
- Created a search feature and categorization system that streamlined the product adding and purchase process by 50%

Grievance System | React, Node, Javascript, Firebase, HTML, CSS, REST APIs

Jan 2020 - Aug 2020

- Launched a system to resolve issues of concern by students, staff and admins for the University of 5000 strength
- Incorporated ReactJS to build interactive components and incorporated Redux to manage application state
- Configured and integrated Firebase and REST APIs for storage, authentication, and file I/O making system 50% faster

Skills Summary

Languages : Java, PHP, C++, JavaScript, C, SQL, Bash, HTML, CSS, TypeScript

Technologies / Frameworks : React, NodeJS, MySQL, Firebase, REST APIs, GIT, AJAX, jQuery, Angular, SpringBoot

Developer Tools : GitHub, Visual Studio, Atom, Android Studio, Selenium

Relevant Coursework

- | | | | |
|-------------------------|---------------------------|-----------------------|--------------------|
| • Analysis of Algorithm | • Artificial Intelligence | • UX/UI Design | • Data Structures |
| • System Programming | • Machine Learning | • Internet Technology | • Maths Foundation |

Achievement

Smart India Hackathon 2020 | 1st Place

Jan 2020

- Won 1st(first) prize, Smart India Hackathon 2020, National level Hackathon held by Ministry of Human Resource, India
- Programmed and facilitated a student support system using React, NodeJS, Redux and other technologies in 36 hours

MHRD Scholarship | Award

Aug 2017 – May 2021

- Awarded full-tuition merit-based scholarship for academic excellence from the Ministry of Human Resource Development
- Achieved scholarship for 4 years consecutively

Cerifications

Coursera : Python Data Structures, Fundamentals of Network Communication, AI For Everyone, Introduction to HTML5, Google Cloud Fundamentals: Core Infrastructure, Programming for Everybody (Getting Started with Python)