

Joel Samson

Software Developer

 joelsamson.com |  [Linked In](#) |  [GitHub](#)

Location: Fairfax, Virginia

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Education

George Mason University

Jan 2022 - Dec 2023

Master of Science in Computer Science; GPA: 3.78

Fairfax, VA

Relevant Coursework: Analysis of Algorithm, System Programming, Artificial Intelligence, Machine Learning, UX/UI Design, Internet Technology, Data Structures, Maths Foundation

NMAMIT Institute of Technology

Aug 2017 - Oct 2021

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

Nitte, India

Relevant Coursework: Web Programming, Data Mining, Project Management, Computer Networks, Operating Systems, Cloud Computing, Data Structures, Maths Foundation

Experience

George Mason University

Aug 2022 – Present

Graduate Teaching Assistant | Data Analysis, Management

Fairfax, VA

- Coordinate student skill development with weekly check-ins, assessments, and observations, yielding exceptional results
- Manage 100+ assignments and bi-weekly course material contributions across two sections, enhancing course efficiency
- Instruct students in emerging technologies, enhancing my skills while aligning the syllabus with industry trends

Istari Digital

Jun 2023 - Aug 2023

Software Development Intern | React, NodeJS, Typescript, REST API's, Github, Vite, Storybook

Arlington, VA

- Engineered and developed website components, elevating product versatility and boosting user satisfaction by 15%
- Optimized website with key APIs for 25% faster load times; Zitadel API for Auth; employed GitHub for version control
- Performed thorough unit testing, ensuring 98% reliability rate for components, and seamlessly tracked progress with Jira

Nexus 8 International

Jan 2023 – Jul 2023

Software Development Intern | React, NodeJS, HTML, CSS, Javascript, Figma

Washington DC, WA

- Transformed website interface through modern design elements and features, leading to a 25% increase in traffic
- Revamped outdated website, improving speed and seamless functionality while introducing new features
- Facilitated weekly project briefings to align teams on objectives and promote collaboration

Quality Theorem

Dec 2019 – Jan 2020

Web Developer Intern | HTML, CSS, Javascript, PHP, MySQL, Figma

Bangalore, India

- Collaborated to produce a multi-functional examination website, driving a 70% acceleration in exam systems
- Designed responsive web interfaces, aligning with company standards and increasing speed and performance by 30%
- Mentored and led a team of 5 interns to efficiently complete 50 weekly tasks maintaining strict deadlines

Projects

Cloud Resume Challenge | S3, Cloudfront, Lambda, DynamoDB, API Gateway, HTML, CSS, JS

Nov 2023

- Developed and deployed a portfolio card website, leveraging various AWS services to optimize cloud architecture benefits
- Implemented HTTPS protocol to enhance the security of the website by 75% and used API Gateway for secure API calls
- Configured CloudFront for high availability and optimized content delivery, leveraging Serverless Framework

News App | React, NextJS, Javascript, Tailwind, HTML, CSS, REST APIs

Oct 2023

- Engineered a dynamic news application with NextJS and React, harnessing the News API and Axios integration to achieve a 50% enhancement in data retrieval speed and application responsiveness
- Styled the application with Tailwind CSS, reducing development time by 50% while enhancing visual appeal

Technical Skills

Languages: HTML, CSS, Javascript, TypeScript, Python, Java, C++, C, SQL, Jest

Technologies / Frameworks: React, NodeJS, MySQL, Firebase, REST APIs, GIT, AJAX, jQuery, Angular, SpringBoot, AWS Cloud, Docker, Kubernetes, Jira, NextJS, Tailwind, Bootstrap, MongoDB

Developer Tools: GitHub, Visual Studio, Atom, Android Studio, Selenium, Figma, Canva, Netlify, Vercel

Certifications: AWS Cloud Practitioner

Achievement

Smart India Hackathon 2020 - Ministry of Human Resource, India | 1st Place - State Level

Jan 2020

- Led a team to secure 1st prize at the 2020 SIH Hackathon by developing an online student support system in 36 hours

MHRD Scholarship - Ministry of Human Resource, India | Award - Scholarship

Aug 2017 – May 2021

- Earned consecutive 4-year full-tuition merit-based scholarship for academic