Joel Samson Software Developer

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 – Dec 2023**
Graduate Teaching Assistant | Data Analysis, HTML, CSS, Python   *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- Revamped outdated website, improving speed and seamless functionality while introducing new features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, Redux, PostgresSQL, Jenkins, MERN, Power Apps
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