Nathan Gilbert

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SKILLS

Programming Languages:
- Proficient in JavaScript, Java, Python, TypeScript, Apex, C#, and SQL/NoSQL (PostgreSQL, MySQL, MongoDB).
- Frontend: CSS, HTML

Technical Skills:
- Strong foundation in Software Architecture & Design, Database design, Object-Oriented Programming (OOP), and UML diagramming.
- Proficient in Git/GitHub, Git Bash, Terraform, AWS, and designing RESTful APIs.
- Experienced with RDBMS diagramming, package management using npm, Postman and various design and collaboration tools including Lucidchart, Figma, Proto.io, Draw.io, Google Suite, Slack, MS Teams, Trello, Jira and Confluence.
- Proficient with Vim, Salesforce platform, data structures, algorithms, and Agile Development methodologies.
- Comfortable working on various operating systems including Linux, MacOS, and Windows.

Soft Skills:
- Strong time and project management skills.
- Effective communication and reliability.
- Proven critical thinking abilities.
- Collaborative approach and adaptability.
- Demonstrated accountability and patience.

Libraries & Frameworks:
- Experienced with front-end frameworks like React.js, Lightning Web Components and Angular.
- Proficient in using Node.Js, Mongoose, Express, Bootstrap, Flask, and Django for web development.
- Well-versed in unit testing with JUnit, Jest and unittest.
- Familiar with the .NET framework.

WORK

Zebra Technologies – Back End Software Developer Intern
May 2023 – August 2023
- Implemented ETag cache keys for enhanced caching efficiency and reduced data transfer in the backend system.
- Improved code organization and project maintainability using .NET Attributes.
- Designed and implemented a custom API endpoint for clearing ETag cache keys, optimizing cached data management.
- Enhanced backend service monitoring and performance analysis with OpenTelemetry and Prometheus, and collaborated on a user-friendly UI for cache management.

Red Argyle – Co-op Engineer
May 2021 – May 2022
- Proficient in Salesforce tools like Apex, Flows, and Lightning Web Components for crafting tailored software solutions that align with business needs.
- Efficiently use SOQL to interact with databases and retrieve essential data.
- Collaborative approach with clients to execute customized Salesforce solutions.
- Well-versed in Agile methodologies for effective task management and known for creating in-depth documentation for complex software features.

EDUCATION

Rochester Institute of Technology, Rochester, NY — **GPA: 3.51**
Bachelor in Software Engineering, Expected May 2024

VOLUNTEERING

3rd Summer Instructing Gananda Coding Camp – Camp Instructor, Gananda HS — July 2023
- Collaboratively led a Python coding camp for 14 students in grades 7-12 as a key member of an instructional team at the Gananda Central School District.
- Crafted a comprehensive curriculum, designed engaging lecture materials, and provided practical resources for students.
- Employed a dynamic teaching approach, combining structured lectures with hands-on programming projects, allowing students to apply lecture concepts to real-world coding tasks.
- Conducted pre- and post-assessments, showcasing remarkable student progress and a deepening comprehension of coding principles throughout the camp.