

Nathan Gilbert

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EDUCATION

Rochester Institute of Technology, Rochester, NY — GPA: 3.51

Bachelor in Software Engineering, Expected May 2024

SKILLS

Programming Languages:

- Proficient in JavaScript, Java, Python, TypeScript, Apex, C#, and SQL/NoSQL (PostgreSQL, MySQL, MongoDB).

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, Remote— May 2023 - August 2023

- Enhanced caching efficiency and reduced unnecessary data transfer by implementing ETag cache keys in the backend system.
- Improved code organization, configuration management, and project maintainability by leveraging .NET Attributes.
- Devised a comprehensive implementation plan for a custom API endpoint dedicated to clearing ETag cache keys, optimizing cached data management.
- Successfully deployed and rigorously tested the custom API endpoint, ensuring its reliability and performance through local deployment and unit testing.
- Enhanced real-time monitoring and performance analysis of backend services by integrating metrics collection with OpenTelemetry and Prometheus.
- Collaborated on the design and implementation of a user-friendly UI for the ETag cache key clearing endpoint using Angular, streamlining cache management.

Red Argyle - Co-op Engineer, Canandaigua— May 2021 - May 2022

- Proficient in harnessing Salesforce tools, such as Apex, Flows, and Lightning Web Components, to craft, test, and deliver top-notch software solutions.
- Leveraged SOQL to seamlessly interact with databases, retrieving essential data with precision and efficiency.
- Exhibited a collaborative approach by partnering with clients to envision and execute tailored Salesforce solutions that meet specific business needs.
- Well-versed in Agile development methodologies, adept at task management, work prioritization, and precise time estimation.
- Distinguished for creating in-depth documentation that offers invaluable insights into intricate software features and functionality.

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.