Nicholas Borbaki

### Senior Software Engineer

# Experience

## Senior Software Engineer, NovaTech Solutions - (2021-Present)

* Led development of a cloud-native microservices architecture using Kubernetes and AWS, reducing deployment times by 40%.
* Designed and implemented a real-time data processing pipeline with Apache Kafka, handling over 1M transactions daily.
* Mentored a team of 5 junior engineers, establishing best practices for code reviews and CI/CD pipelines.

## Software Engineer, DataCorp - (2018-2021)

* Developed a machine learning-based recommendation engine using Python and TensorFlow, improving user engagement by 25%.
* Optimized SQL queries and database schemas in PostgreSQL, reducing query execution time by 60%.
* Contributed to open-source project [QueryFast](https://github.com/datacorp/queryfast), adding support for parallel query execution.

## Junior Developer, BrightFuture Tech - (2016-2018)

* Built responsive web applications using React and Node.js, serving over 10,000 monthly active users.
* Automated testing workflows with Jest and Selenium, increasing test coverage by 30%.
* Collaborated with UX designers to implement accessible UI components compliant with WCAG 2.1 standards.

## Intern, CodeWorks - (2015-2016)

* Assisted in developing a RESTful API using Flask and Python, integrating with third-party payment gateways.
* Wrote documentation for internal tools, improving onboarding time for new developers by 20%.

# Education

## University of Techville - (2012-2016)

* BS Computer Science
* Graduated with Honors, GPA: 3.8/4.0
* President of the Tech Club

# Skills and Certifications

* Programming Languages: Python, JavaScript, Java, SQL
* Frameworks and Tools: React, Node.js, Django, Kubernetes, AWS
* Certifications: [AWS Certified Solutions Architect](https://aws.amazon.com/certification/certified-solutions-architect-associate/), Certified Kubernetes Administrator (CKA)
* Experienced with Git, Docker, and CI/CD pipelines using Jenkins and GitHub Actions

# Projects

## Open-Source Contributor - (2019-Present)

* Developed a [task management CLI tool](https://github.com/aquinn/taskmaster) in Python, with over 500 stars on GitHub.
* Contributed to [DataViz](https://github.com/open-source-community/data-viz), adding interactive chart features using D3.js.

# Personal Interests

* Avid rock climber and member of the Techville Climbing Club
* Volunteer mentor for [CodeForGirls](https://www.codeforgirls.org/), teaching coding to young women
* Amateur photographer, with work featured on [PhotoHub](https://www.photohub.com/users/aquinn)