Aethelind Racic

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🎓 Education

University of Ottawa   Sep 2015 – May 2020
Honours B.Sc. in Computer Science, Data Science Option   *Ottawa, ON*

Excellence Scholarship, 85%+
Honours Project: Natural Language Generation From Structured Data, 98%

🛠 Skills

Languages: Java, Python, Go, Ruby on Rails, SQL, JavaScript/HTML/CSS, C, Bash.
Tools/Tech: Git, Jira, Jenkins, Docker, AWS, Azure, Linux.

💼 Experience

SAP   Jan 2020 – Present
Software Developer, Energy Analysis Team   *Montreal, QC*

> Design, development, and integration of scalable enterprise-class features.
> Developed Bash scripts to automate deployment of applications to production reducing release time from 4 hours to 30 minutes and eliminating configuration downtime.
> Secured API tests run in CI/CD pipelines by integrating Jenkins with PassVault and implementing custom logic to avoid storing API keys.
> **Stack:** Java, Azure, Jenkins, Cloud Foundry

Software Developer, Operations Team

> Installed and configured monitoring tools (Dynatrace, JMX, Kibana) for our 96M+ requests per day system, meeting our 99.5% uptime SLA.
> Documented root causes and issues affecting our production system.
> **Stack:** Kibana, Dynatrace, JMX

SAP   Sep 2019 – Dec 2019
Software Developer Intern, Energy Analysis Team   *Montreal, QC*

> Refactored Jenkins CI/CD pipelines for 12 microservices to improve readability and speed.
> Created robust unit and API test suites for Java Spring Boot applications using Mockito and Postman, improved test coverage from 40% to 80%.
> Participated in daily Scrums with project team to ensure a consistent development pace.
> **Stack:** Java, Junit, Mockito, Postman, RESTful APIs

🚀 Projects

Find My Folks 🔗 Ruby on Rails, Python, SQLite

> Built a search engine application to help users navigate 8.5M+ genealogical data points.

Shuttle Bus Tracker 🔗 Angular.js, Typescript, Ionic, Firebase
uOttawa Department of Sustainable Development

> Defined system and user requirements by communicating with stakeholders and conducting user surveys.
> Lowered costs by optimizing mandatory calls to Google Maps API, reducing total API calls by 80%.

⭐ Extracurricular

Software Developer, PrideHacks 2021 Designed the UI for the ODLAN Device Gifting Ecosystem application.
President, EngiQueering uOttawa Led social group for LGBTQ+ students in STEM.
Set Designer, "Love at the End of the World" 3rd Place at Ontario Drama Festival, performed at SummerWorks.