Matthew Jinks

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Georgia Institute of Technology

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Bachelor of Science in Computer Science

Atlanta, GA

I am writing to express my interest in the **SAP iXp Intern - Developer** position in Newton Square, PA. With a Bachelor of Science in Computer Science from Georgia Institute of Technology and extensive experience in software development and cloud technologies, I am eager to contribute to SAP's mission of helping the world run better through innovative technology solutions.

My academic and project experiences have equipped me with skills relevant to the responsibilities of this role including:

- Developing a music streaming web application using a **serverless architecture**, utilizing **Angular** to develop a dynamically responsive front-end and **Microsoft Azure**'s cloud services to manage a complex backend infrastructure.

- Designing and implementing a secure backed API for an online store, incorporating RESTful API design with Express, **Node.js**, and PostgreSQL. Ensured data integrity and protection through hashing, **authentication**, and **authorization** mechanisms.

- Implementing a **CI/CD pipeline** using Azure Pipelines to automate **Docker** builds and deployments to Azure Web Apps.

- Worked at Georgia Tech Research Institute where I identified and resolved server errors, implemented secure **password validation**, and developed extensive API tests.

My portfolio website (https://portfolio.matthewjinks.com) includes video demos, architecture diagrams/overview, design details, and repository links.

I am enthused to use my technical skills to support SAP's goals and look forward to an opportunity to discuss how I would quickly become an asset to SAP.

Sincerely,

Matthew Jinks