Jung Bak

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💼 PROFESSIONAL EXPERIENCE

Kepler   2023.08 – present | San Jose, Costa Rica
Data Engineer

- Develop and implement high volume data processing jobs utilizing platforms such as Redshift, Athena, Spark, and Airflow.
- Collaborate with data scientists to translate theoretical concepts and methodologies into practical, scalable data products.
- Identify and address bottlenecks in system performance, providing recommendations to enhance process efficiency.
- Support and collaborate with cross-functional teams, including data scientists, analysts, and product managers.

Microsoft

Data Engineer   2023.05 – 2023.08 | San José, Costa Rica

- Assisted in the development of methods and functions for a Delta Lake framework, streamlining data processing and enhancing system performance.
- Utilized Delta Lake technologies to manage vast quantities of data, ensuring accuracy, consistency, and reliability in data storage and retrieval.
- Conducted rigorous testing of the developed frameworks and functions to ensure optimal performance. Debugged issues to maintain system reliability and data integrity.
- Documented development processes, methodologies, and user guidelines for future reference and knowledge sharing. Reported on project progress, issues, and outcomes to key stakeholders.

Cloud Engineer   2021.09 – 2023.08 | San José, Costa Rica

- Analyze complex customer issues and develop solutions that meet their business requirements.
- Drive customer satisfaction by effectively communicating with customers, building strong relationships, and exceeding their expectations.
- Collaborate with cross-functional teams, including engineering, product groups, and other support teams.
- Drive resolution of critical situations and ensured smooth execution through the life of the crisis by adherence to processes and guidelines.
- Commit to ongoing learning and keep up-to-date with the latest cloud technologies and certifications.

Intern   2021.02 – 2021.08 | San José, Costa Rica

- During my internship at Microsoft, I served in the capacity of a Software Development Intern, focusing on the development of internal tools using TypeScript and AngularJS. I contributed to projects, utilizing my skills in coding, problem-solving, and collaboration to develop internal tools.

Instituto Tecnológico de Costa Rica   2018.02 – 2018.06 | Cartago, Costa Rica
Research Assistant

- As a Research Assistant at Instituto Technológico de Costa Rica, I performed a pivotal role in a dedicated research team, focusing on the interoperability of Java and Python. My primary responsibility was to investigate, develop, and streamline processes for calling Java functions within a Python environment and vice-versa.

🎓 EDUCATION

Master's Degree - Business Intelligence y Big Data Analytics
European Business School 🔗

Bachelor's Degree - Computer Engineering
Instituto Tecnológico de Costa Rica

Associate's Degree - Business Administration
Universidad Fidélitas

🏅 AWARDS

P&G CEO Challenge National Champion
Procter & Gamble

2020

Winner of the P&G CEO Challenge in Costa Rica. A competition which tests your aptitude for business strategy and real-life problem-solving.

🌐 LANGUAGES

English	● ● ● ● ●
Spanish	● ● ● ● ●
Portuguese	● ● ● ● ○
Korean	● ● ● ○ ○

🎖 CERTIFICATES

Microsoft Certified: DevOps Engineer Expert 🔗

Microsoft Certified: Azure Data Engineer Associate 🔗

Microsoft Certified: Azure Administrator Associate 🔗

Microsoft Certified: Azure Data Fundamentals 🔗

Microsoft Certified: Azure Fundamentals 🔗

Academy Accreditation - Databricks Lakehouse Fundamentals 🔗

High Performance Computing School (CeNAT)

Big Data School (CeNAT)