

Tika Lestari

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EDUCATION

The University of Texas at Austin

Bachelor of Science in Computer Science

Minor in Business Foundations & Minor in Information Studies (UI/UX)

Austin, TX

August 2015 – May 2019

GPA: 3.22

TECHNICAL SKILLS

Languages: Java, Python, SQL, Swift, Golang, JavaScript, C, HTML/CSS

Frameworks: Springboot, React, Flask, JUnit

Technical Tools: Git, Docker, Redis, Google Cloud Platform, Microsoft Azure, AWS, Gremlin, Azure DevOps, Unix

EXPERIENCE

Cloud Software Engineer

Schlumberger

July 2019 – Present

Houston, TX

- Developed and tested scalable microservices in Java and Springboot. Wrote REST APIs for Exploration & Production data access and management.
- Deployed microservices in Google Cloud Platform and Microsoft Azure using Azure DevOps.
- Redesigning Redis data model into a graph database using Gremlin API on Azure Cosmos DB.
- Automated Apigee API proxy development by writing unix shell scripts and built CI/CD pipeline to push proxy changes automatically across multiple services and environments, reducing Non-Productive Time (NPT) of internal proxy management by up to 94%.
- Implemented a rate limiting policy that reduced internal GCP costs by 40% and ensures protection against DDoS attacks and client misuse.
- Implemented global data discoverability and accessibility across multiple GCP regions through a single API endpoint to improve user workflow.
- Developed a disaster recovery solution which backs up Redis Database Backup files through scheduled cron job.
- Maintain health of services by resolving bugs and support tickets.
- Lead biweekly sprint retrospectives for my direct team and use agile methodology for iterative improvement.

Software Engineer Intern

Schlumberger

June 2018 – August 2018

Houston, TX

- Delivered a dashboard to monitor and estimate GCP costs on microservices based on client activity to help inform business pricing decisions.
- Created 3 business models based on user's API usage which was later used by business portfolio to base their client pricing models on.
- Wrote a Python script to automate queries using BigQuery Client Library.
- Analyzed data lake client activity logs on Stackdriver to recognize usage patterns.

PROJECTS

MyTime | *React Native, Firebase*

- Developing a cross-platform application that logs your work hours to promote healthy work life balance and mental wellness.

February 2021 – Present

FindIt | *Swift, AWS*

- Developed an iOS app for scavenger hunt games that uses image recognition to validate the submitted items.

January 2019 – April 2019

BandDB.me | *React, Python, Flask, MongoDB*

- Developed a full stack web application that resembles IMDb for a database on music, bands, and artists.

June 2017 – August 2017

AWARDS

Schlumberger

Out of the Ordinary Award for Inspirational Attitude

August 2020