Gabriel E. Goulis

https://www.linkedin.com/in/gabriel-goulis-0509ab166

CAREER PROFILE

Experienced software engineer specializing in web applications, backend infrastructure, and microservice architecture. Thrives in fast-paced environments with strong attention to detail. Passionate collaborator, motivated to learn and improve. Excellent written and verbal communications skills.

Cloud Platforms: AWS, GCP	**Languages**: Java, C++, Python, JavaScript, SQL
Tools: GitHub, Docker, Postman	**Frameworks**: Spring, JUnit, React, Express, Flask

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EDUCATION

UNIVERSITY OF ARIZONA- Tucson, AZ   **May 2028**
Doctor of Philosophy in Computer Science
- Graduate Researcher in Computer Science (1 publication, 2 pending)
- Graduate Research Lead: Leading team of 2 undergraduate researchers

BAYLOR UNIVERSITY- Waco, TX   **May 2024**
Bachelor of Science in Computer Science
- Undergraduate Researcher in Computer Science

EXPERIENCE

University of Arizona – Tucson, AZ   **May 2024 - August 2024**
Research University
Student Researcher
- Collaborated on research papers on software architecture debt and architectural rule violations
- Developed Java tool that uses 40+ indicators to track Architectural Degradation (AD) over time
- Identified control dependencies like REST calls to capture temporal data on system architecture

HEB – San Antonio, TX   **May 2023 – July 2023**
Supermarket Chain
Corporate Technology Intern
- Updated employee training courses using a new API standard serving 145,000+ partners
- Rebuilt training course template from jQuery to React increasing loading speed by over 2x
- Added support for new question formats and embedded scrollable PDFs within training courses

OfficeRing – Houston, TX   **Jun 2019 – August 2022**
Telecommunications Provider
Junior Developer
- Utilized PHP to implement backend functionality, supporting the adoption of 4 new features
- Deployed a Node.js microservice to replicate data to S3 buckets, reducing server load by 10%
- Built system health tests in Postman and deployed in Node.js and PM2, reducing response times
- Leveraged RabbitMQ messenger queuing to deliver distributed and scalable solutions