SWATHI ANAJI REVANASIDDAPPA

📞 (602) 662-8068 ✉ swathi.anaji@asu.edu 🔗 linkedin.com/in/swathi-anaji-r ⌨ github.com/swathianaji

EDUCATION

Arizona State University	**Tempe, Arizona**
*Master of Science in Software Engineering, **GPA: 3.9/4.0***	*Aug 2023 – May 2025*

R V College of Engineering	**Bengaluru, India**
*Bachelor of Engineering in Electronics and Telecommunication, **GPA: 3.33/4.0***	*Aug 2015 – May 2018*

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, JavaScript, C
Cloud Technologies and Databases: AWS, Azure, MySQL, PostgreSQL, MongoDB
Web Technologies: Spring Boot, React.js, Node.js, Flask, REST API, JSON, HTML5, CSS, Bootstrap 5
Development Tools and Methodologies: Git, GitHub, CI/CD, Postman, Selenium, SDLC, Agile, Scrum, Jira, JUnit

WORK EXPERIENCE

Software Engineer Intern, Web4Site.net — **Remote, USA**
FanFindr — *Jun 2024 – Aug 2024*

- Implemented a responsive user interface with **React.js** by precisely transforming **Figma** UI designs into interactive components, providing sports bar owners with an efficient marketing platform.
- Configured a serverless architecture on **AWS**, leveraging **Lambda** functions to seamlessly integrate the frontend with **DynamoDB**, ensuring real-time updates and reliable data management.

Senior Software Engineer, Accenture — **Bengaluru, India**
IASS Automation — *Dec 2022 – Jun 2023*

- Spearheaded the development of a web app using **Python**, **Flask**, and **MySQL** to automate the requirements gathering process, boosting project management efficiency by **40%** and streamlining client communication.
- Built **Tableau** dashboard for visualizing project data analytics, supporting **25+** managers in tracking progress efficiently.
- Reduced manual effort by **50%** through developing an Advanced Integration web app to generate scripts for CI/CD pipeline automation in collaboration with the DevSecOps team.

AT&T Gateway — *Oct 2020 – Dec 2022*

- Led a 7-member **offshore team** across India and the USA, collaborating with business, STEM, and QA teams, achieving an impressive **99.98% delivery rate** for client assignments.
- Developed a **Python script** to automate the detection of web vulnerabilities such as **SQL Injection** and **XSS**, enhancing application security and reducing manual testing time by **50%**.
- Enhanced software **quality** by implementing Application Security programs (SAST and DAST) to identify and mitigate vulnerabilities in the development phase thereby reducing post-deployment defects by **40%**.

Software Engineer, Accenture — **Bengaluru, India**
Anthem Inc. — *Nov 2018 – Oct 2020*

- Designed a centralized **database** using **MySQL** to facilitate JCL abend codes manangement, resulting in a comprehensive **data repository** and **40%** improvement in error resolution time.
- Engineered **RESTful APIs** using **Java** and **Spring Boot** to facilitate **CRUD** operations on the abend codes database, enhancing process efficiency, and continuously enriching the data repository.
- Achieved **75%** improvement in the execution speed (18 → 4 hours) by redesigning the workflow of weekly **data backup** process, enhancing overall system reliability and supporting seamless development operations (DevOps).

PROJECTS

Random Quiz Generator (Source Code) | *Java, Spring Boot, Maven, Netflix Eureka, Spring Cloud, PostgreSQL*

- Constructed a **microservice architecture** using **Java** and **Spring Boot** for a quiz application, featuring service registry with Netflix Eureka and OpenFeign, and an API Gateway for request routing, laying groundwork for **10x** scalability.

Comprehensive Trip Manager (Source code) | *Python, Flask, React.js, PostgreSQL*

- Developed a full stack API-driven web app with **Flask**, **React.js**, and **Postgres**, supporting group travel by enabling trip invitations, destination and activity management, expense tracking, and a dashboard for trip analytics visualization.

Serverless File Storage Hub | *AWS CDK, CloudFormation, API Gateway, S3, DynamoDB, Lambda*

- Architected AWS infrastructure as code (**IaC**) using **CDK**, deploying **API Gateway**, **S3** bucket, **DynamoDB** table, and **Lambda** functions to enable direct file uploads to S3 bucket with **presigned URLs** and insert metadata in DynamoDB.