

Swathi Anaji Revanasiddappa

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EDUCATION

Arizona State University

Master of Science in Software Engineering, **GPA: 3.89/4.0**

Tempe, Arizona
Aug 2023 – May 2025

R V College of Engineering

Bachelor of Engineering in Electronics and Telecommunication, **GPA: 3.33/4.0**

Bengaluru, India
Aug 2015 – May 2018

SKILLS & CERTIFICATIONS

Skills: Python, SQL, HTML & CSS, Bootstrap 5, Angular, C, JAVA, Cobol Programming, JCL, SDLC

Business Tools: VSCode, MySQL Workbench, Burp Suite, HCL AppScan Standard, ASOC, Veracode, ThreadFix

Certifications: Certified Ethical Hacker v11 (CEHv11), Microsoft Azure Fundamentals (AZ-900)

Coursework: Introduction to Programming Languages, Advanced Data Structures, Semantic Web Engineering

WORK EXPERIENCE

Senior Software Engineer, Accenture

IASS Automation

Bengaluru, India
Dec 2022 – June 2023

- Engineered and implemented frontend for an Advanced DevSecOps Integration app with Bootstrap 5 and Angular, enabling automated script generation for security testing platforms, resulting in a 50% reduction in manual effort.
- Developed the ADI Assessment web app with Python, SQL, and Bootstrap 5, optimizing project requirement capture and reducing gathering time by an impressive 40% for 100+ Accenture Security clients.

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; achieved an impressive 99.98% delivery rate for client assignments.
- Implemented and oversaw SAST and DAST scans using AppScan Standard, Veracode, and ASOC, identifying and addressing over 250 vulnerabilities in web apps, resulting in a 60% enhancement in security metrics.
- Conducted false positive analyses on 200+ web apps utilizing Burp Suite, detecting risks such as XSS, CSRF, and SQL injection, strengthening application security.
- Performed manual source code reviews across 100+ multi-language web apps within 3 months, revealing vulnerabilities in 80% and taking corrective actions on these issues, leading to a 60% reduction in security risks.
- Executed and analyzed assignments originally designated for two members over a 3-month personnel shortage, achieving a 95% productivity rate; received the **Cheer Award** by Accenture leadership for exceptional ownership and commitment.

Software Engineer, Accenture

Anthem Inc.

Bengaluru, India
Nov 2018 – Oct 2020

- Innovated the STCABEND tool using Rexx and Cobol, capturing and logging test cycle errors, slashing problem-solving time by an impressive 75%.
- Engineered JCL tools to address test cycle errors, reducing manual effort by 45% and enhancing workflow efficiency.
- Optimized the weekly backup process, fortifying data security and accelerating execution speed by 60%.
- Executed test cycles in base and release regions, ensuring the protection of the production environment and achieving 100% accuracy in insurance claim calculations.
- Identified and resolved defects within test cycles, expediting the testing phase completion by a remarkable 75%.

ACADEMIC PROJECTS

Smart Health Care System

Jan 2018 – May 2018

Engineered a self-regulating healthcare ecosystem incorporating RFID-based user detection, voice-guided medication prompts, and remote health assessments with seamless control and monitoring through a Python-driven Android app.

E-Cradle

Aug 2017 – Nov 2017

Formulated an intelligent cradle system equipped with self-activating swinging and cry detection capabilities, bolstered by real-time video surveillance; Presented a **technical paper** detailing the innovation of this project at **ICECA Conference 2018**.