

Swapnil Kalra

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EDUCATION

Ramaiah Institute of Technology, Bengaluru

Bachelor of Engineering in Information Science and Engineering

Courses: Data Structures, Design Analysis & Algorithms, Operating System, DBMS

August 2015 - July 2019

GPA: 9.34/10

Bishop Conrad Senior Secondary School, Bareilly

PCM with Computer Science

April 2013 – March 2015

Grade: 94%

SKILLS

- **Languages:** Python, Typescript, C/C++, Java, HTML, JavaScript, SQL
- **Technologies:** Angular, Flask, Django, REST APIs, Spring, Docker, Git, Jenkins.
- **Platforms:** Linux, Ubuntu

EXPERIENCE

Micro Focus, Senior Software Engineer, Bengaluru

March 2022 – Present

- Trained and mentored junior developers and engineers, teaching skills in Angular, Docker and working to improve overall team performance.
- Added new Features in AMCA making it easier for users to detect defects during CICD runs. It helped the senior leadership team and project managers to analyze and look for roadblocks in the overall project.

Micro Focus, Software Engineer, Bengaluru

Aug 2019 - Feb 2022

- Developed AMCA (Agile Methodologies Contrivance Analysis)- is a web-based agile project tracking dashboard helpful in tracking epics, stories, bug, and other tasks. It is built using Angular for User Interface and Java Spring for backend, making it a powerful web application.
- Developed Automated Common Appliance Framework (CAF) – for automating the process of downloading OVA files from build server and deployment of the Appliance Virtual machine. Designed in Python with web micro framework flask and VM ware Power cli modules.
- Developed Z-News (ZENworks News Portal) using Angular and Django – a web-based tool helping Product managers to broadcast important announcements to the customers.
- Designed and maintained a simulator tool for ZENworks Mobile Management using Python flask and deployed it using Docker Swarm.

Micro Focus, Project Intern, Bengaluru

February 2019 - July 2019

- developed an Automation Framework to generate Test failure reports for higher Management. Thereby saving over six hundred hours per year of manual effort.
- Implemented REST APIs using Python Flask and provided clerical assistance to senior project staff. Worked on Docker, Kubernetes.

PUBLICATIONS

- A Study of Use Cases for Smart Contracts using Blockchain Technology

October 2018

PROJECTS

Night owl Online Book Hub Application (Angular, Typescript, Django)

- Developed an online book hub for viewing, managing and statistical information.

Stock Market Application (Angular)

- Developed a simple stock market application using Angular and Alpha Vantage Stock API. It is deployed on Heroku.

HR Management System using Java Swing and SQL (Java)

- Designed a HR Management system using Java swing and JDBC to manage employee salaries and leaves.

Rock Paper Scissors (Angular, Typescript)

- Created a simple Rock Paper Scissors game and deployed it on Heroku.

Tic Tac Toe Game (Angular, Typescript)

- Created a simple Tic Tac Toe game using Angular and deployed it on Heroku.

AWARDS AND HONORS

- Awarded Rising Star of EPM dept. at Micro Focus
- Awarded EPM Dream Team for Developing AMCA dashboard
- Infosys Campus Champ Ambassador (Ramaiah Institute of Technology)

June 2020

September 2019

August 2017

LICENSES AND CERTIFICATIONS

- Problem Solving (Basic) Certificate
- Fundamentals of Database Systems (NPTEL)
- Design and Analysis of Algorithms (NPTEL)

September 2020

October 2017

April 2017