Nisreen Sabir

Senior Systems Engineer

9340533215

nisreensabir991@gmail.com

www.linkedin.com/in/nisreen-sabir-6919b2160

EDUCATION

Degree/Certificate	Institute – University/Board	Passing Year	CGPA/Percentage
B. Tech - Computer Science	Shri G.S. Institute of Technology & Science - RGPV	2021	7.87 CGPA
12th	Shri Agrasen Vidyalaya - CBSE	2017	87.00 %
10th	The Indian Community School, Kuwait - CBSE	2015	10.00 CGPA

PROFESSIONAL EXPERIENCE

INFOSYS LTD.   **Jul '21 - Present**

Senior Systems Engineer   Bengaluru, India

- Contributed towards development of web-based platform that derives actionable insights from various engineering tools.
- Developed key features for the platform with multiple **JIRA, SONAR, Github, Gitlab** plugins and micro-frontends using **Angular & Golang** respectively.
- Led full-feature development, including design, REST APIs, frontend and backend implementation, comprehensive testing and delivery.
- Proficient in **Jira** for streamlined development, adept at utilizing DevOps through CI/CD pipelines with Infosys DevSecOps platform.
- Actively participated in **agile** methodologies, including daily stand-ups, sprint planning, retrospective meetings, and timely project delivery. Mentored junior developers and interns, helping them develop their skills and contributing to overall team growth.

Tech involved: Golang, Angular, HTML, CSS, Typescript, Docker, Kubernetes, and MongoDB.

INFOSYS LTD.   **Feb '21 - Apr '21**

Systems Engineer Trainee   Mysuru, India

- Trained in Java, Springboot & Angular.
- Gained hands-on experience of technologies learned as part of training while working on assigned project.

Tech learned: MySQL, Java, Springboot, Angular, Microsoft Azure.

PROJECTS

Employee Transport Management Using Cloud   April' 21 – May' 21

- Developed an employee transport service application and stored all project related files and database files in Azure Cloud.

Linux CFS Algorithm Implementation, guided by Prof. D. A. Mehta   Jan'21 – May'21

- Implementation of the Completely Fair Scheduling (CFS) Algorithm for Linux **multicore** processor.
- Analyzed simulation results using MCRTsim, gained insights into the **Load Balancing** policy in Linux Kernel.

Dimensionality Reduction in Multiple View Datasets   Jan'20 – Jan'20

- Studied canonical correlation analysis for multi view datasets and implemented a specialized case wherein Probabilistic CCA was implemented to deal with extremely large number of dimensions.
- Implemented and developed a library in python for PCCA.

Solving Rubik's Cube by Genetic Algorithm, guided by Mr. Swarnim Soni   May'20 – Jul'20

- Study of Rubik's Cube puzzle as a NP Hard combinatorial problem.
- Study of Genetic Algorithm to find a good and robust solution for problem including NP Hard problems.

SKILLS

- **Programming**: C, Golang, Python.
- **Core**: Data Structures & Algorithm, Operating System, DBMS, OOPS, Software Engineering, Networking.
- **Software Tools**: Visual Studio Code, Microsoft Office, Postman, JIRA, Sonar.
- **Other:** Spring Boot, MySQL, Docker, Kubernetes, Agile, DevOps, Software Development and Testing, REST APIs, Git, GitLab CI/CD.

CERTIFICATIONS/TRAINING

- **Infosys Global Agile Developer Certification**
  Attained proficiency in Agile methodology & Agile mindset for software development, including foundational knowledge of Scrum.