

Shusmoy Chowdhury

📍 Springfield, Missouri

☎ +1-417-576-4827

✉ shusmoychowdhury.personal@gmail.com

🐙 Shusmoy108

🌐 shusmoy-chowdhury

EDUCATION

Missouri State University

Master's of Science in Computer Science, Current GPA: 4.0/4.0

Springfield, Missouri

Expected - December 2023

SKILLS

Languages: C/C++, Java, Python, JavaScript/TypeScript, Dart, Scala, C#, HTML/CSS, LaTeX
Framework: Nodejs, React js, Android, Django, Flutter, .Net, Spring MVC, Spring Boot, Apache Spark
Database: Oracle, MySQL, MongoDB, Firebase
Dev Ops : CI/CD Pipeline (Jenkins, Bitbucket, Codepipeline), EC2, Route 53, ACM, WAF, S3, Cloudfront, Code deploy, Elastic Beanstalk.

EXPERIENCE

Missouri State University

Graduate Assistant

January 2022 - Present

Springfield Missouri

- Courses Taught: Introduction to C++ Programming, Computational Thinking, Operating Systems.
- Graded exam papers, assisted in labs, reviewed projects and conducted weekly programming workshops.
- Mentored four different groups of senior students throughout the process of their final projects, including project planning, database design, troubleshooting issues, and providing feedback on their progress
- Worked in ROSE Grant 2023 to teach 10 high school teachers about the security vulnerability in IoT devices.
- Got the prestigious Outstanding Graduate Research Assistant Award among 100+ Graduate Assistant in Missouri State University for the outstanding research work

Girmairi LLC

Software Engineer(Lead)

September 2021 - Present

Remote

- Served as lead software engineer in the development team and directed the team towards the betterment of the product
- Employed as an experienced full stack developer in the company to design and develop software web and mobile application.
- Designed the DevOps operation for the automation of the development team
- Engaged in Google Analytics, Google ReCAPTCHA, SEO to enhance the product quality

AWARDS

Outstanding Graduate Assistant Award

Missouri State University

Springfield, Missouri

April, 2023

Published Five Conference Papers in IEEE

Focusing on Machine Learning, Artificial Intelligence, Evolutionary Algorithm in Cloud Computing.

PROJECTS

Evolutionary DC Selection Policy : Designed novel **Machine Learning** based data center(DC) selection policies in cloud-environment with **Java** which can outperform the existing DC selection policies and reduce the response time and data-processing time by 43% compared to the existing selection policies.

Content Suggestion with Topic Modeling: Created a web-application with **Python** where user will be engaged to read blogs and continuously get suggestion based on the blogs he/she is reading using **BERT, LDA and LSA** and the suggestion system performs 70% better than other machine learning techniques.

ProTrack : Developed web & mobile application with **Nodejs, React and Flutter** for generic project management software where user can not only design their own project template but also create projects accordingly and the software is used by some local printing industries in Bangladesh for trial run which maintained 78% satisfaction level among the clients.