SHUSOVAN CHAKRABORTY

West Bengal | +91 8918792672

LinkedIn: www.linkedin.com/in/shusovan-chakraborty

E-Mail: shusovan.chakraborty98@gmail.com

Tech Stack

Proficient: Java, Spring Boot, Microservices, SQL
Intermediate: AWS(EC2, RDS, S3)
Novice and Interested: Docker, Machine Learning, Generative AI, AWS Blu Age

Soft Skills : Good verbal and written communication skills, problem solving, time management, decision-making, team building

Academics

B. Tech in Computer Science and Engineering
Alliance University, Bangalore
GPA- (3.4/4.0)
Aug 2017 - Jul 2021

Coursework:
Engineering Mathematics (Probability, Statistics, Calculus), Data Mining, Core JAVA, Scripting Languages, Big Data Analytics

ACTIVITIES & PRESENTATIONS

- Gave a presentation on GitHub Pilot and its applications to promote AI in work.
- Presented Laser Based Security System using LDR (Light Dependent Resistor) at Alliance Techno-fair 2018.

PUBLICATION

Face Expression Recognition using ML
ESN Publications, **Jan 2021**

LANGUAGES

- English (Professional)
- Bengali (Native)
- Hindi (Native)

INTERESTS

- PC Gaming
- Cooking

Work Experience   *2.5 Years*

Senior Software Engineer
Capgemini, *Bengaluru*   **Sept 2021 – Current**

- Worked on Java and Spring Boot, creating APIs to seamlessly integrate with user interfaces across various workflows within a microservices architecture.
- Upgrade of the project from Java version 8 to 17, ensuring enhanced performance and compatibility with the latest technologies.
- As an extracurricular activity, I've dedicated time for learning and mastering GitHub Copilot and Amazon CodeWhisper. Additionally, I've created educational courses on these platforms, showcasing my commitment to ongoing skill development and knowledge sharing.
- I contributed to production support, performing daily health checks, handling issues and ensuring the smooth operation of systems in a dynamic environment.

Tech Stack: Java, Spring Boot, Microservices, JPA, Jira, GitHub, Postman, GitHub Copilot, SoapUI, Linux, Microsoft SQL Server

Intern
Moolya, *Bengaluru*   **July 2021 – Sept 2021**

- Developed python application and tested using the Robot Framework.
- Acquired understanding of Software Development Life Cycle (SDLC).
- Learned basics of DevOps practices.

Tech Stack: Robot Framework, Python, SQLite, Flow Diagrams, Docker

Certifications

Coursera

- Python Data Structure, Jun 2020
- Java Programming: Solving Problems with Software, Jun 2020

AWS Certified Developer - Associate

- EC2, Lambda
- RDS
- Amazon S3

Projects

Online Quiz Portal   **April 2024**

- Designed a online quiz portal application using Spring Boot
- Key features of the application include multiple-choice question creation, quiz creation and assigning quiz to users. Users can take multiple quizzes.

Tech Stack: Java, Spring Boot, Microservices, Hibernate, JPA, Eureka Server, Feign Client, PostgreSQL, Postman, Jira, GitHub

Crop Yield Prediction   **Dec 2020 – Jun 2021**
Final Year Project

- Developed a web application that can predict crop yield by analyzing the temperature, annual precipitation, area.

Tech Stack: Python, Machine Learning, Flask, Pandas, Matplotlib, HTML, CSS, Heroku