

Sakib Rahman

Software Engineer

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 sakibrahman

 rsakib15

Relevant Experience

Software Engineer @FatCoupon

July 2023 – Till Date // Shanghai, China

- Enhanced app features, resolved bugs, and optimized performance, reliability, and efficiency.
- Maintained Chrome Extension and integrated new e-commerce stores, achieving 95%+ customer satisfaction.
- Implemented automated coupon scraping system, boosting company profit by 12%.

Software Developer @Talent Pro

Aug – Oct 2022 // Dhaka, Bangladesh

- Designed and implemented custom components for a low-code/no-code platform which enhancing company profitability.
- Contributed to the platform's development by implementing new features and functionality.
- Led a team of interns in testing the platform and identifying problems, as well as providing guidance and mentorship as needed.

Software Engineer @Worklife

Jun – Dec 2021 // Dhaka, Bangladesh

- Architected and implemented the backend of highly interactive web applications using Django, including the development of APIs and database schema.
- Utilized AWS to deploy the server and manage the platform's infrastructure.
- Communicate and collaborate with multi-disciplinary teams of engineers, designers, producers, clients, and stakeholders on a daily basis.

Software Engineer @D2

Jan 2018 – May 2021 // Dhaka, Bangladesh

- Worked with open source project KoboCat and KoboForm to implement own web-based interface for data collection, management, and analysis.
- Collaborated with a team of developers to integrate the Android app and web application, allowing users to seamlessly access and manage collected data from different devices.
- Deployed and managed multiple web applications on AWS using a range of services, including EC2, S3, RDS, and so on.

Skills

Programming Languages

Python, JavaScript, TypeScript, Java, Solidity

Libraries & Frameworks

Django, Flask, React, Next.js, Node.js, FastAPI

Databases

Postgresql, Mysql, MongoDB

Tools & Platforms

Git, Selenium, Jenkins, Docker, Trello

Devops

Amazon Web Services (AWS)

Projects

WikiSearch

- Developed a search engine using Wikipedia's dumps dataset, integrating three indexing methods and bi-gram indexing for fuzzy search and wild-card queries.
- Implemented five ranking methods to assess search result accuracy, accompanied by a React based user interface for testing and demonstration purposes.

Online Survey Web Application

- Developed an online survey app with open source project Kobocat/Koboform, featuring customizable templates and robust data management.
- Integrated advanced validation/reporting, enhancing survey data accuracy and facilitating user-friendly creation, distribution, and analysis.

FatCoupon Chrome Extension

- Developed FatCoupon Google Chrome extension which showcases current offers/deals and automates the coupon applying process across several ecommerce stores.

Education

Shanghai Jiao Tong University

2020 – 2023 // Shanghai, China

Master of Science in Computer Science and Technology
GPA: 3.59/4.00

American International University - Bangladesh

2013 – 2018 // Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering
GPA: 3.95/4.00

Honors & Awards

- MIT Solve award on behalf of D2 Solve: <https://tinyurl.com/d2mitsolve>
- Placed 2nd and 3rd in the AIUB Intra Programming Contest in 2015 and 2016, respectively
- Achieved a 3rd place ranking in the IUT ICT Olympiad in 2015 and a 2nd place ranking in 2017
- Attended ACM National Collegiate Programming Contest (NCPG) 2016 & 2017
- Earned a 2nd place in HCI Prototyping Contest 2017 for developing a Smart Campus Concept for AIUB

Coursework

- Data Structures & Algorithms
- Embedded Technologies
- Web Technologies
- Web Search & Mining
- Machine Learning
- Statistical Learning and Inference
- Image Processing & Machine Vision
- Software Development & Project Management

Interests

- Reading blogs and newsletters to stay up to date on new technologies
- Attending tech events & exhibitions
- Venturing to new locations to learn about local cultures and histories

Language

- English - Fluent
- Chinese - Conversational
- Bengali - Native

References

Yao Shen

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