

Sakib Khan

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Professional Summary

Computer Science graduate with hands-on experience in cloud-native and full-stack development. Seeking software engineering roles to build real-world applications with clean and maintainable code.

Education

University at Buffalo

Awards: Dean's List (3 semesters), Cum Laude Latin Honors

Bachelor of Science in Computer Science

Graduation Date: January 2025

Technical Skills

Languages: Python, JavaScript, Swift, SQL, Java, C++, HTML, CSS

Frameworks / Technologies: Git, React, Tailwind CSS, CI/CD (GitHub Actions), Vite, Flask, Node.js, MongoDB, Matplotlib, Chrome Extensions API, REST APIs, AWS, Kubernetes (EKS, AKS), Azure

Work Experience

- | | | |
|--|-----------------|--------------------------------|
| ● Tech Fellow | CodePath | <i>June 2023 - August 2023</i> |
| <ul style="list-style-type: none">o Helped lead interactive sessions focused on Python programming language, adapting teaching methodologies to cater to diverse learning styleso Facilitated dynamic breakout sessions for collaborative programming assignments in data structures and algorithms, enhancing teamwork and increasing student engagement by 30% through peer-driven learningo Delivered personalized coaching by simulating programming interviews, equipping students with real-world problem-solving skills through targeted questioning techniques | | |
| ● Software Engineer Intern | Persado | <i>June 2022 - August 2022</i> |
| <ul style="list-style-type: none">o Implemented Kubernetes in EKS (Amazon Elastic Kubernetes Service) and AKS (Azure Kubernetes Service) to manage the scaling, deployment, and maintenance of applicationso Developed cloud-native Java microservices within an Agile team, following Git-based workflows and code reviewso Configured CI/CD pipelines using GitHub Actions to automate deployments to EKS clusters, reducing manual overheado Designed interactive wireframes in Figma to bridge engineering solutions with evolving product requirements | | |

Projects

- **LinkNest - Smart Bookmark Manager** · github.com/SakibKhan1/linknest-bookmark-chrome-extension
 - o Built a Chrome extension using React, Vite, and Chrome Extensions API to enable client-side bookmark tagging, searching, filtering, and editing with real-time updates
 - o Published to the Chrome Web Store, utilizing chrome.storage.local for persistent tag syncing and implementing auto-scroll/highlight effects on new entries for enhanced UX
- **LeetCode Organizer** · github.com/SakibKhan1/leetcode-organizer-ios-app
 - o Built a SwiftUI iOS app with MVVM architecture, using @AppStorage and FileManager for persistent storage of structured problem data and user progress
 - o Published to the App Store with multi-solution storage, dynamic topic filtering, and streak-based progress tracking across 18 LeetCode categories (inspired by the NeetCode.io roadmap)
- **PDF AI Study Generator** · github.com/SakibKhan1/pdf-ai-study-generator
 - o Developed a full-stack AI study assistant web app using React, Flask, and GPT-3.5 to parse and transform PDF content into structured summaries, flashcards, and quizzes
 - o Engineered caching with SHA256 hashing, JSON parsing fallback logic, and fine-tuned OpenAI prompts to optimize performance and minimize redundant API calls