

# Sheikh "SK" Sakib

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LinkedIn: linkedin.com/in/sksakib | Portfolio: sksakib.com | GitHub: github.com/sakibskib

## Technical Skills

- **Languages:** C#, Java, JavaScript, TypeScript, Python, C++, PHP, HTML5, CSS3
- **Frameworks/Tools:** .NET (ASP.NET Core), React, Next.js, Angular, Spring, Node.js, Three.js, Tailwind CSS, Docker, Git, Jira, Agile/Scrum
- **Databases:** SQL Server, PostgreSQL, MySQL, Oracle, Firebase, Supabase

## Experience

### Technical Specialist

Feb 2025 – Present

University of Central Oklahoma, Edmond, OK

- Developed Scribe-based curriculum and prerequisite logic in DegreeWorks, improving accuracy of real-time academic audits for over 10,000 students.
- Automated scripts in Transfer Equivalency Self-Service, reducing manual data entry and cutting evaluation time.
- Conducted debugging and root-cause analyses, enhancing system availability and reducing data errors.
- Configured commencement ticketing system (Hometown Ticketing), ensuring 100% uptime during peak usage.

### Student Ambassador

Apr 2023 – Dec 2024

University of Central Oklahoma, Edmond, OK

- Led 100+ campus tours, managing groups of up to 150; boosted enrollment through targeted communication.
- Trained 10+ ambassadors, increasing efficiency and ensuring consistent quality.

## Projects

### Password Manager (Chrome Extension/Desktop App) (PassVolt)

C#, .NET, MySQL, JavaScript, CryptoJS, PHP, Supabase

- Built secure cross-platform application, using client-side **encryption** and **backend APIs** in **C# (.NET)** to manage secure data storage with **PostgreSQL**.
- Implemented robust password strength validation and seamless data synchronization between Chrome and desktop.

### Smart Chatbot (AI Virtual Assistant)

React, Next.js, TypeScript, FastAPI, Redis, Shadcn, Firebase, OpenAI API

- Developed **full-stack** chatbot; improved response accuracy by 8% via **backend enhancements**.

### Portfolio Website (sksakib.com)

Next.js, Tailwind CSS, Three.js, Shadcn

- Engineered responsive personal portfolio using Three.js to utilize 3D models, used **FramerMotion** for increased richer interactivity
- Secured forms with React Hook Form + **EmailJS**.

## Education

### Bachelor of Science in Computer Science

Jan 2022 – Dec 2024

University of Central Oklahoma, Edmond, OK

Dean's Honor Roll (Spring 2023, Fall 2023, Spring 2024, Fall 2024)

Related Coursework: *Software Engineering 1, Cybersecurity, Object Oriented Design and Construction, Advanced Data Structures and Algorithm, Operating Systems, Theory Of Computing, Mobile Application Programming, Translator Design*

Engagements: Global Leadership Ambassador, Director of International Student Affairs - UCO Student Association

## Certifications

CodePath Web Development, CodePath Cybersecurity, ZTM Complete Web Development