SK. TOUHID KABIR

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EDUCATION

Bachelor Of Technology Computer Science and Engineering
with (Specialization in Cyber security and Digital Forensics)
Vellore Institute Of Technology, Bhopal , CGPA: 8.49   September 2021 - August 2025

Class XII
ST. Augustine's Day School, Barrackpore, Grade: 86.5%   July 2020

Class X
ST. Augustine's Day School, Barrackpore, Grade: 85.6%   May 2018

TECHNICAL SKILLS

Java, Python, C++, MySQL, HTML, CSS, MongoDB, JavaScript, MERN Stack, Node.JS, React.JS, Next.JS, Security best practices, Full-stack development, UI/UX, Kali Linux, Database Administration, Wordpress Development, PHP

CERTIFICATIONS

The Bits and Bytes of Computer Networking - Coursera
Introduction to Cyber-Security - CISCO
Cybersecurity Essentials - CISCO
Google Cloud Computing Foundation - Google
Ethical Hacking Essentials - EC Council

WORK EXPERIENCE

Founding Engineer   September 2025-Ongoing
ComplAIbridge   *Remote, United Kingdom*

- Worked on the full stack application that is meant to simplify the compliance process.
- Building and managing cloud and tech services like AWS, GCP, Git and Jira integrations with the tool.
- Developed and managed the company website, implementing SEO and design strategies to increase overall traffic and engagement.

Web Developer   July 2025-Ongoing
Auledge   *Remote, United Kingdom*

- Built a full-scale EdTech platform from scratch on WordPress, integrating learning management, e-commerce, and user management functionalities.
- Integrated learning management features (LMS), including user enrollment, progress tracking, and quiz modules, to deliver.
- Led the implementation of SEO and UI/UX design strategies to optimize visibility, user engagement, and overall platform performance.

Tech Consultant   July 2025-Ongoing
MindBridge Consulting   *Remote, United Kingdom*

- Maintain and update the company website using WordPress and Avada Builder, optimizing performance, SEO, and design consistency while ensuring security best practices and web standards for a stable, scalable digital presence.

- Currently undergoing training on platforms such as Freshworks, Elastic, and Tines to support service integration, optimize processes, and enhance cross-team collaboration.
- Liaise with cross-functional teams to execute design enhancements, troubleshoot technical issues, and ensure seamless cross-platform compatibility.

Full-Stack Web Developer August 2024-March 2025
VIGYAM GBK Learn and Tech Pvt.Ltd. *Remote, India*

- Led the development of an EdTech web application using MERN Stack and Wordpress, expanding user reach by 55%.
- Enhanced user interface and experience, improved retention rate by 35%.
- Provided scalable software solutions, increasing overall company productivity by 25%.

PROJECTS

SECAUTH - A secure authentication system for Medical IoT and Patient Management

- Built an interactive dashboard integrating Medical IoT devices for automated, real-time patient data collection and visualization.
- Achieved a 35% improvement in data retrieval speed by optimizing MySQL queries and streamlining patient data workflows.
- Enabled real-time alerts and analytics, reducing emergency response time by 15% and enhancing care coordination.
- Link: https://sec-auth-web.vercel.app

Biometric Based Attendance System - Web Application and Machine Learning

- Implemented a biometric attendance system using Python, React.js, MySQL, and OpenCV to automate attendance for large institutions.
- Achieved 99.5% fingerprint authentication accuracy; Optimized database queries that reduced identification time by 30%.
- Applied machine learning algorithms to improve system efficiency by 10%, resulting in faster processing times.
- Link: https://github.com/flamekiller22/Biometric-Attendance-Management-System

ACHIEVEMENTS

- Ranked 8th in B3 CTF; Top 20% in VishwaCTF.
- Presented innovative software solutions as an Intrauniversity Finalist at SIH 2023, receiving recognition for a novel approach to the problem statement.

EXTRA-CURRICULAR ACTIVITIES

- Core member of OWASP Club VIT Bhopal Web Development Team: Managed a database of 200+ students and organized various CTF workshops.
- Took part in CTFs and hackathons, applying reverse engineering, vulnerability exploitation, and other techniques to learn and understand current cyber security trends.

LANGUAGES

- English
- Hindi
- Bengali