

SK. TOUHID KABIR

+91 7980995039 ◇ Kolkata, India

touhidkabar17@gmail.com ◇ [Portfolio](#) ◇ [LinkedIn](#) ◇ [GitHub](#)

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

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%.

Freelance Web Maintenance

April 2025-Ongoing

VIGYAM GBK Learn and Tech Pvt.Ltd.

Remote, India

- Offered ongoing website maintenance and updates, ensuring functionality, security, and user experience improvements.
- Maintained content management systems (CMS), plugins, and SEO optimization to enhance website visibility and performance.
- Coordinated with the in-house team to implement design changes, troubleshoot issues, and ensure cross-platform compatibility.

MERN Full Stack Developer

August 2023- November 2023

Ethnus Codemithra

Remote, India

- Designed and developed a full-stack web application using React.js, Node.js, and MongoDB, improving site performance by 40%.

- Collaborated in an Agile team of 5 to deliver software solutions, achieving a 30% boost in the scalability of the application.
- Increased user engagement by 25% through responsive UI development and optimized API calls.

PROJECTS

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>

BloodWave - Stock information App

- Built a real-time blood stock tracking application using React.js and Node.js, improving emergency response times.
- Managed back-end services with PostgreSQL and integrated RESTful APIs, enabling seamless data flow.
- Worked together with an 8-member team to ensure smooth front-end and back-end integration, enhancing application stability.
- Link: <https://github.com/flamekiller22/bloodwave>

NFC Based Payment System

- Constructed a NFC-based payment solution using React Native and MongoDB for a user base of 3,500+ students.
- Streamlined transaction processes, improving payment efficiency by 65% and reducing processing times.
- User testing was performed to improve usability, resulting in a 20% increase in adoption rates.
- Link: <https://github.com/flamekiller22/cyberpe>

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.
- Take 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