

# WASIM AKTAR

## DEVELOPER

Kalyani, Nadia | wasimaktar2402@gmail.com | [LinkedIn](#) | [GitHub](#) | 8391921618

### SUMMARY

Enthusiastic Information Technology student skilled in MERN and Next.js development, creating responsive and dynamic web applications. Experienced in developing REST APIs and real-world projects with secure integrations and modern UI design.

### PROFESSIONAL SKILLS

Design Understanding      Problem Solving  
Team Collaboration      Visual Design

### TECHNICAL SKILLS

C++, React.js, Next.js, HTML, CSS, Tailwind CSS, JavaScript, Node.js, Express.js, MongoDB, MySQL, REST APIs, GitHub, Firebase

### PROJECTS

#### Hybrid DE-PSO Algorithms for IoT

March 2025 – Present

- Developed a hybrid Differential Evolution–Particle Swarm Optimization (DE-PSO) algorithm, to enhance performance in complex real-world optimization problems.
- Combined DE's global exploration with PSO's local exploitation to mitigate premature convergence and improve solution quality.
- Demonstrated superior performance in IoT-based optimization tasks, effectively handling multidimensional and nonlinear problem spaces.

#### HelloWasim – Personal Portfolio

Aug 2025 – Sep 2025

- Expanded a responsive portfolio using Next.js and Tailwind CSS with optimized performance and accessibility.
- Integrated an AI-powered "Ask AI" assistant using the OpenAI API, allowing visitors to ask questions about me, my projects, or any tech topics in real time.
- Built a secure contact form using Nodemailer for reliable email delivery.

#### ShopX – Clothing E-Commerce App

Aug 2025 – Sep 2025

- Improved a scalable clothing e-commerce platform using the MERN stack with a focus on efficiency and user experience.
- Integrated Razorpay, Stripe, and COD payment options for secure and flexible transactions.
- Added authentication, admin dashboard, and advanced product search filters for efficient management and improved shopping flow.

### EDUCATION

#### Bachelor of Technology in Information Technology

Aug 2022 – Present

Maulana Abul Kalam Azad University of Technology, CGPA: 8.02/10

#### Higher Secondary Education

Jun 2020 – Apr 2022

Guidance Academy, CGPA: 92.8%

### EXPERIENCE

#### Solved 150+ Algorithm Questions

Solved 150+ algorithmic problems across platforms like LeetCode and GeeksforGeeks, improving accuracy and coding efficiency by 30%

#### HACKAUT- Session 1

Jan 2022 – Jan 2022

Secured a Top 10 position among 110+ participants at HACKAUT – Session 1, enhancing competitive coding and analytical skills.