

# AHMED BILAL

## Web Developer

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### PROFESSIONAL SUMMARY:

An engineering graduate with strong expertise in Javascript, C++, and a solid foundation in data structures and algorithms. I enjoy solving problems, improving user experience, and creating reliable and efficient systems. I work well with teams to deliver high-quality solutions and always stay updated with the latest technology trends to build fast and modern web applications.

### KEY SKILLS

- PROGRAMMING LANGUAGES - C++
- Strong foundation and comprehensive understanding of programming , databases, operating systems and Data Structures
- WEB DEVELOPMENT - HTML ,CSS, Javascript.,Tailwind,React ,Firebase
- Knowledge of Flowcharts, Pseudocode, Basic Algorithm and SQL.
- TOOLS / PLATFORMS - Git, GitHub, Visual Studio.
- Jupyter Notebook for experimentation and reporting

### SOFT SKILLS

- Problem Solving and Analytical Thinking
- Effective Teamwork, Collaboration & Clear Communication in technical projects
- Time Management and Ability to meet deadlines under pressure
- Quick Learning of New Tools & Technology
- Creative & Innovative Approach

### PROFESSIONAL EXPERIENCE:

#### Software Development Intern

TeleMatrix Global | August 2024 - January 2025

Assisted in developing an e-commerce website, ensuring smooth user experience and efficient operations

## **PERSONAL PROJECTS:**

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### **Internship Project: E-Commerce Website Development- Gipsams.com**

- Contributed to website development by creating and refining web templates, improving design consistency, and developing the layout of responsive pages aligned with brand guidelines.

### **Internship Project: Double Gate MOSHEMT Design for Analog Applications**

- Designed and simulated Double Gate MOSHEMTs using TCAD (Silvaco) and Origin Pro.
- Analyzed analog performance using different metals (Al, Mo, Polysilicon) focusing on IV characteristics and transconductance.
- Optimized device behavior for high-frequency and low-noise applications.

## **EDUCATION:**

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### **NOV 2024 - APR 2025 | IBM**

Diploma in Data Science

### **JUL 2021- JUL 2024 | Heritage Institute of Technology, Kolkata**

B.Tech : Electronics & Communication

GPA : 7.33

### **JUL 2019| Frank Anthony Public School, Kolkata**

Higher Secondary

Percentage : 80%

## **ACHIEVEMENTS:**

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- Participated in Circuit Making Workshop
- Participated in Digital Hackathon
- Participated in 2024 IEEE 3<sup>rd</sup> International Conference on Control, Instrumentation, Energy & Communication (CIEC)
- Core Member of the Coding Club - 2018 - 2019
- Captain of Football Team - 2016-2019