

Mohd Usman
Electrical Engineering
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B.Tech
Male
DOB: 20/02/2003

Examination	University/Board	Institute	Year	Result
Undergraduate	Jamia Millia Islamia	Jamia Millia Islamia	2024	9.41 SPI
Intermediate	UP Board	DAV Inter College	2019	80.2 %
Highschool	UP Board	DAV Inter College	2017	87.5 %

TECHNICAL SKILLS

- **Programming & Scripting Languages:** C++, Javascript
- **Tools and Technologies:** NodeJs, ReactJs, NextJs, MonogoDB, TailwindCSS, Git
- **Other Skills:** LTspice, Data Structures & Algorithms

B.TECH RESEARCH

- **IoT-powered indoor air pollution monitoring and control system**
B.Tech Seminar, Guide: Prof. Shakeb Ahmad Khan (Jan'23-May'23)
 - Designed and developed an innovative indoor air pollution monitoring and control system
 - Aiming to improve indoor air quality and protect human health
- **CollegeQuora**
B.Tech Project, Guide: Dr. Faiyaz Ahmad (Jan'22-June'22)
 - Designed and developed a user-friendly web application utilizing a Database Management System (DBMS) to facilitate seamless communication between college faculties and students
 - Implemented a dynamic platform that enables students to post their queries and receive timely responses from fellow students and college faculties

TECHNICAL PROJECTS

- **Add2Cart**
(Personal Project, E-commerce) (May'22-May'22)
 - Developed an e-commerce platform enabling users to add items to a cart and checkout
 - Integrated a secure payment gateway
- **Alatwal**
(Freelance Project, Travel and Tourism) (Jan'23-Feb'23)
 - Designed and developed a feature-rich web application enabling clients to effortlessly book tickets and visas for both UAE and international travel, as well as tour packages
 - Developed an intuitive admin dashboard with advanced management features, allowing seamless control over bookings, payments, and user data
 - Integrated the Stripe payment gateway to facilitate secure and reliable transactions, ensuring streamlined payment processing and a seamless user experience.
- **Dobby**
(Internship Project, Media Sharing) (Nov'22-Nov'22)
 - Designed, and developed a highly secure and user-friendly website that allows users to easily store and manage their personal images online
 - Developed and implemented advanced authentication protocols to ensure the utmost security and privacy of user data
- **Econ**
(Personal Project, Security) (Nov'22-Nov'22)
 - Developed an innovative online tool allowing users to send anonymous emails under any name while maintaining the utmost privacy and security of their personal email accounts
 - Implemented strong encryption techniques to maintain the privacy and confidentiality of user data, providing a safe and secure environment for sending anonymous emails
- **iBank**
(Internship Project, Banking) (Sep'22-Sep'22)

- Designed and developed a banking system that facilitates account creation, transactions, and transaction history management
- Integrated payment processing capabilities

- **KakaFeeds**

(Freelance Project, Product Page)

(Jun'22-Jul'22)

- Developed a product information website featuring details on a specific product, enabling customers to make informed purchase decisions.
- Developed a user-friendly interface that makes it simple for customers to get in touch with the product owner

- **Online Portfolio**

(Personal Project, Portfolio)

(Mar'22-Current)

- Developed a professional online portfolio that showcases all my projects to date.
- Integrated a blog to share my personal experience and challenges

WORK EXPERIENCE

- **The Spark Foundation, Singapore**

(Web Developer - Intern)

(Sep'22-Oct'22)

- Developed a banking model
- Hands-on experience to implement **payment processing**

- **Emertxe Information Technologies, Bengaluru**

(Internet of Things - Intern)

(Nov'22-Dec'22)

- Developed an innovative Smart Home Automation System
- Created an efficient Automatic Garden Irrigation and Light Control System
- Expanded knowledge and abilities in Embedded Systems

- **The Fuel Media, New Delhi**

(FullStack Web Developer - Intern)

(March'23-Current)

- Developed and maintained multiple websites using HTML, CSS, Javascript, and ReactJs
- Implemented SEO best practices, resulting in a 15% increase in search engine ranking
- Contributed to the creation of an SEO guide

COURSES TAKEN

Data Structures & Algorithms

NodeJs

POSITIONS OF RESPONSIBILITY

- **Deputy Secretary General, JMI-MUN**

- **Technical Head**

(Nov'22-till date)

Revamped the MUN website by leading a team of 3 from the initial planning stages through deployment.

- **Technical Associate, Model G20 JMI**

(April'22-till date)

- Developed and maintained a visually appealing and user-friendly website using industry-standard technologies and best practices.

ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Achieved **Rank 1** in **Intermediate** among 350 college students (2019)
- Cracked **JEE (Main + Advance) 2020** (2020)
- Secured **Department Rank 3** in B.Tech of 2020 batch (2022)
- Attended **IEEE SA Open Workshop** at Jamia Millia Islamia (2023)
- Secured **Rank 2** in Tricky Circuit Design competition held by **IEEE** at JMI (2023)

INTEREST & HOBBIES

- Reading, Writing, Volunteering