

# AHMAD BIN NISAR

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Former mechanical engineer now excelling in web development, dedicated to creating user-friendly software solutions.

## SKILLS

**Technical Skills:** Angular, WinForms, .NET Framework, MS-SQL, Power BI, NumPy, Git

**Soft Skills:** Problem solving, adaptability, creativity, collaboration, communication

## RECENT EXPERIENCE

### CureMD

Aug 2023 – Present

#### Associate Software Engineer

##### *DateTime Localization*

- Enhanced backend functionality by localizing datetime module in a .NET environment, ensuring seamless integration and improved user experience

##### *Audit Trail*

- Utilized MS-SQL views to implement audit trails for two pivotal backend components in a .NET framework project, ensuring comprehensive data tracking and system reliability.

##### *WinForms Screen Wizard Development*

- Engineered a comprehensive screen wizard in WinForms using DevExpress tools, facilitating seamless navigation through a series of interconnected screens for enhanced user experience.

##### *Migration of WinForms Screen to Angular*

- Managed the migration of a WinForms screen to Angular, optimizing user interfaces and functionality. Ensured seamless integration with existing systems for a smooth transition

### Mughal Iron and Steel Industries Limited

Jul 2022 – Jul 2023

#### Logistics Executive

- Generated daily stock reports by collecting, cleaning, and analyzing data from various sources
- Utilized MS Excel to manipulate and analyze large datasets
- Ensured accuracy and consistency of data by performing regular quality checks and implementing data cleaning procedures
- Ensured the accurate and timely documentation of Bills of Lading (BOL) for international shipments
- Collaborated with shipping and logistics teams to confirm the completeness and accuracy of shipment documents

## EDUCATION

### National University of Sciences and Technology

#### *Bachelor of Engineering in Mechanical Engineering*

#### Graduate Projects

##### *Motion Planning of Autonomous Vehicle*

- Execution of a practical driving mission for an ego vehicle to attain Level 2 automation in a rendered environment using CARLA Simulator
- Implementation of behaviour planning, collision checking, local planning and velocity planning using Python as the programming language

##### *Finite Element Analysis of Trusses*

- Formulated the governing equations for truss structures based on structural mechanics principles, and solved them using MATLAB numerical methods

## CERTIFICATIONS

### Angular - The Complete Guide (Udemy - 2024 Edition)

Apr 2024 – Jun 2024

- Gained in-depth knowledge of modern Angular, including standalone components and signals
- Mastered sending HTTP requests, implementing routing, authenticating users, and handling complex forms, among other advanced techniques
- Developed modern, complex, responsive, and scalable web applications using Angular

### CureMD Web Development Bootcamp

Jul 2023 – Aug 2023

- Developed strong foundational skills in programming and software development
- Gained hands-on experience in building modern web applications using Angular
- Learned to develop robust backend systems with .NET Framework

## EXTRACURRICULAR

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### **Co-Founder CEME Mentorship Club**

**2019 – 2021**

- Led a team of 30 volunteers to organize an academic and personal development mentorship program for first year engineering students

### **Associate Director EME Olympiad**

**2019 – 2020**

- Organized inter-university events as Associate Director, overseeing all aspects of planning, coordination and execution

### **ACD Model United Nations**

**2016 – 2017**

- Organized MUN as an Assistant Committee Director in UNHRC and DISEC committees