Ahmad Bin Nisar

📞 +92-323-4349025   ✉ ahmadnisar9093@gmail.com   in linkedin.com/in/ahmad-nisar-1b82a3211

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, adaptibility, 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

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