

# MEHAK EMAN

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Portfolio: <https://mehakeman-portfolio.netlify.app/>

GitHub: <https://github.com/emmehak>

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## PROFESSIONAL SUMMARY

Versatile Full Stack Developer with hands-on experience in building scalable, secure, and high-performance web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled in developing RESTful APIs, JWT-based authentication, and real-time features using WebSockets. Passionate about clean code, modular architecture, and delivering robust full-stack solutions in Agile environments.

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## TECHNICAL SKILLS

- Programming Languages: HTML5, CSS3, JavaScript (ES6+), JSX, JSON, C++, C#, Java, SQL
  - Frontend: React.js, Next.js, Redux, Tailwind CSS, Bootstrap, Responsive Design,
  - WCAG Accessibility, SEO Basics
  - Backend: Node.js, Express.js, REST APIs, MVC Architecture
  - Databases: MongoDB, Firebase Firestore, MSSQL Server
  - Real-Time: WebSocket, Socket.IO, Firebase Realtime Database
  - Auth & Security: JWT, Firebase Authentication
  - Deployment: Firebase Hosting, Render, Netlify, Vercel
  - Tools & Workflow: Git, GitHub, VSCode, Chrome DevTools, Postman, Agile Methodologies
  - Machine Learning: Supervised & Unsupervised Learning, Data Preprocessing, Model Training & Evaluation, scikit-learn
  - Deep Learning: CNNs, RNNs, TensorFlow, PyTorch
  - Soft Skills: Teamwork, Problem-Solving, Project Management, Time Management, Critical Thinking, Strong Communication
  - Languages: Urdu — Native, English — Fluent, Korean — Basic
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## EXPERIENCE

### Frontend Developer Intern — Code Alpha

Apr 2025 – May 2025(Remote)

- Built and deployed frontend features using HTML, CSS, JavaScript, and React.
- Uploaded projects to GitHub for review and version control.

### Open Source Contributor — GirlScript Summer Of Code (GSSOC'2025)

Jul 2025 – Present

- Contributing to open-source projects focused on the MERN stack (MongoDB, Express.js, React.js, Node.js).
  - Collaborating with maintainers, fixing issues, and learning through real-world development.
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## PROJECTS

- Admin Dashboard: Developed a secure admin panel with Firebase-based role management and real-time updates.
  - Portfolio Website: Created a responsive portfolio using React and Tailwind CSS to showcase personal projects.
  - AI Recipe Generator: Built an interactive UI with React and styled-components that generates recipes using user inputs.
  - Fitness App: Developed an exercise search app with animated visuals using exercise APIs and React.
  - E-commerce Website: Designed a frontend with product filters, cart, auth, and checkout flows using React, Redux, and Tailwind CSS.
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## CERTIFICATIONS

- Machine Learning Specialization — Stanford University & DeepLearning.AI (Coursera), June 2025
  - JavaScript Essentials — IBM (Coursera), March 2025
  - Machine Learning for All — University of London (Coursera), December 2024
  - Python for Data Science, AI and Development — IBM (Coursera), January 2025
  - Developing Front-End Apps with React — IBM (Coursera), February 2025
  - Version Control with Git & GitHub — IBM (Coursera), February 2025
  - Learn Tailwind CSS — Scrimba, February 2025
  - HTML, CSS, and JavaScript — IBM (Coursera), February 2025
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## EDUCATION

### **Bachelor of Science in Software Engineering**

*University of Sialkot – Sialkot, Pakistan*

*Dec 2021 – Jul 2025*

### **Intermediate in Pre-Engineering**

*Punjab Group of Colleges – Sialkot, Pakistan*

*Aug 2019 – Apr 2021*

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