S MOHAMED AHSAN
STUDENT - B.TECH AI&ML | UI/UX DESIGNER

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My Portfolio : https://mohamedahsan-portfolio.vercel.app/

SUMMARY

Versatile tech professional with expertise in AI, ML, and UI/UX design, expanding into Full-stack development, Java, and Reinforcement Learning while mastering DSA to solve complex problems.

TECHNICAL SKILLS

AI/ML: Machine Learning, NLP, Python, TensorFlow/PyTorch
UI/UX Design: Figma, Prototyping, Usability Testing
Databases & Tools: Neo4j, MySQL, Quartus, Autodesk Fusion 360
Development Tools & Languages: PHP, Java, HTML/CSS, AWS, Flask(CORS), C Programming

Non-Technical: Problem Solving, Project Management, Leadership, Fluent in English

PROFESSIONAL EXPERIENCE

Mentee, Codebyte (Remote)   **Jan 2025 – Present**
- Mastering core computer science concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP) with Java, Operating Systems, Computer Networks, & Database Management Systems.

UI/UX Intern, Skill First Labs (On-Site)   **Oct 2024 – Dec 2024**
- Designed intuitive prototypes using Figma, improving user satisfaction
- Developed strong skills in Ideation ,Figma, UI/UX design, usability testing, and design documentation.

Web Development Trainee, Computational Intelligence Research Foundation   **Jul 2024**
(On-Site)
- Built a functional and Responsive website using PHP for the backend and WordPress, HTML, CSS, and JavaScript for the frontend, hosted on a free domain. (In-Plant Training)

EDUCATION

Bachelor of Technology in AI & Machine Learning   **2023 – 2027**
Saveetha Engineering College Thandalam, Chennai   CGPA(SEM 2): 8.51

HSC - Computer Science   **2011 – 2023**
SBOA School & Junior College

HACKATHONS & PROJECTS

FloodGuard - Flood Simulation Model (KU25 24-Hours Hackathon)   **Feb 2025**
- Developed a real-time flood simulation model analyzing environmental parameters and precipitation trends.
- Integrated an emergency response dashboard, chatbot assistant, and distress helpline to enhance resource prioritization and disaster response.

Here&Now ~ Location-Based Alarms & Insights (Freelance Project)   **Feb 2025**
- Developed a web app for location-based reminders with integrated weather and location insights.
- Designed for travelers and commuters to stay informed and never miss key places.

Reimagining Urban Spaces (IBM Z Datathon)   **Oct 2024**
- Built a functional and Responsive website using PHP for the backend and WordPress, HTML, CSS, and JavaScript for the frontend, hosted on a free domain. (In-Plant Training)

ADDITIONAL INFORMATION

- **Tech Society(SEC-ML/WEB):** Hosted Events on Kivy app dev in Python
- **Certifications:** AWS(Coursera) ,NLP (DeepLearning.AI), IoT Fundamentals (NPTEL – Score: 90/100)