S MOHAMED AHSAN

AI&ML | FULL STACK DEVELOPER | UI/UX DESIGNER

Chennai, Tamil Nadu, India | **Contact:** ahsansaleem2006@email.com | +91 9884261429 | **GitHub** | **LinkedIn** | **Linktree** |
My Portfolio : https://mohamedahsan-portfolio.vercel.app/

SUMMARY

Versatile tech professional with experience in AI, ML, UI/UX, Java & MERN stacks, currently deepening skills in full-stack development, AI systems, and DSA.

TECHNICAL & PROFESSIONAL SKILLS

- ***AI/ML:*** Machine Learning, Natural Language Processing (NLP), Python, TensorFlow, PyTorch, LangChain
- ***Web & Application Development:*** MERN Stack (MongoDB, Express.js, React + Vite, Node.js), Flask (with CORS), PHP, Java, HTML/CSS, AWS
- ***UI/UX Design:*** Figma (Prototyping & Wireframing), Usability Testing, Canva
- ***Databases & Tools:*** Neo4j, MySQL, Quartus, Autodesk Fusion 360
- ***Programming Languages:*** Python, C, Java, JavaScript (JSX), PHP
- ***Tools & Platforms:*** Jira, Confluence (Atlassian), Vite, Git, Postman
- ***Soft Skills***: Agile Scrum (Daily Stand-ups & Sprint Presentations), Problem Solving, Project Management, Leadership, Effective Communication (Fluent in English)

PROFESSIONAL EXPERIENCE

AI Product Developer Intern, 6s Consulting (On-Site)   **July 2025 - Aug 2025**
- Our team operated under the **Agile Scrum methodology**, conducting daily stand-up meetings (**DSMs**) for progress updates and **Weekly Sprint** reviews through structured presentations.
- I contributed to the end-to-end development of AI-driven product "DewDrop" using the MERN stack **(MongoDB, Express.js, React with Vite, Node.js)**.
- I collaborated closely with teams, leveraging project management tools like **Jira** and **Confluence** (Atlassian.net) for agile workflow tracking and documentation.
- I worked on UI/UX prototyping using **Figma**, created visual presentations with **Canva**, and integrated **LangChain** for building **AI**-powered features within the product. This experience strengthened my skills in full-stack development, AI integration, and collaborative product design in a fast-paced, real-world setting.

Mentee, Codebyte (Remote)   **Jan 2025 – Jun 2025**
- 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 3): 8.73

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

HACKATHONS & PROJECTS

Taxonomist - GidyTechpreneur (Winner)   **Mar 2025**
- Taxonomist is an ML-powered web app that helps policymakers assess tax policies using economic indicators.
- It features Investment Allocation, a GDP calculator, and an intuitive UI for policy evaluation.

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.

Reimagining Urban Spaces (IBM Z Datathon)   **Oct 2024**
- Our project leverages data science and machine learning to tackle two major urban issues-traffic congestion and sewage management by providing predictive insights and optimization solutions. This integrated approach enables cities to become more efficient, sustainable, and resilient.

ADDITIONAL INFORMATION

Tech Society (Assistant Coordinator):   **Aug 2025 - Current**
- Hosted events on Kivy app development in Python.
- Being a part of the central team of the student-driven club,TechSociety
- Managing 5 different communities with 300+ active members

Certifications:
- Coursera – PyTorch, AWS
- DeepLearning.AI – NLP
- NPTEL – IoT Fundamentals (Score: 90/100)