

S MOHAMED AHSAN

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

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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 - August 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 FoundationJul 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 Learning2023 – 2027

Saveetha Engineering College Thandalam, ChennaiCGPA(SEM 3): 8.73

HSC - Computer Science2011 – 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

- 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
- **Prime Batch:** Trained in Web Fundamentals, React & Java programming
- **Certifications:** Pytorch(Coursera), AWS(Coursera), NLP (DeepLearning.AI), IoT Fundamentals (NPTEL – Score: 90/100)