

S MOHAMED AHSAN

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

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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 (On-Site)

Jul 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)

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

- 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)