

BASITH ABUSYED N Software Developer

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📍 Madurai, Tamil Nadu, India

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PROFESSIONAL SUMMARY

Detail-oriented Master of Computer Applications (MCA) graduate currently serving as an ML-Data Associate at Amazon, where my implemented UI/UX suggestions increased team efficiency by 16%.

Possesses a strong foundation in Python, Java, and Machine Learning, demonstrated through projects developing interactive web applications. Eager to leverage proven problem-solving and technical expertise to contribute effectively in a Software Developer role.

PROFESSIONAL EXPERIENCE

ML-Data Associate, Amazon

08/2023 – Present | Chennai

- Analyze and meticulously annotate diverse datasets (text, image, audio, video), maintaining a consistent data accuracy rate of over 98% while exceeding productivity targets, with peak performance reaching 240% of the monthly goal.
- Enhance overall data quality by identifying and correcting errors within previously processed datasets, ensuring more reliable inputs for machine learning processes.
- Evaluate new internal tools and products by processing test data, providing detailed feedback on functionality and user experience that directly informs development improvements.
- Proposed User Interface (UI) and User Experience (UX) enhancements for data processing workflows, leading to implemented changes that increased team efficiency by 16%.
- Identify and escalate critical system performance issues impacting annotation speed, contributing to timely investigation and resolution by technical teams.
- Generate regular reports on data processing outputs, quality metrics, and error trends using internal dashboards and MS Excel.
- Frequently recognized through official appreciation certificates for high performance, quality focus, and proactive contributions.

EDUCATION


Master of Computer Applications (MCA),
The American College

2021 – 2023 | Madurai, Tamil Nadu


Bachelor of Computer Applications (BCA),
Thiagarajar College

2018 – 2021 | Madurai, Tamil Nadu


PROJECTS

- ABot (AI Chat Hub), Full-Stack AI Application** 

07/2025 – 08/2025

 - Architected a full-stack, multi-provider AI chat app, featuring a secure Node.js backend proxy intelligently routing requests to 4 different AI providers.
 - Engineered a polished, responsive UI with dynamic branding and a seamless guest-to-user migration system that preserves chat history upon sign-up.
 - Deployed the app with a CI/CD pipeline and implemented robust Firebase authentication.
 - **Technologies:** Node.js, Express.js, Firebase (Auth & Firestore), Tailwind CSS, Vanilla JS, Render, Vercel
- Linkly, Serverless URL Shortener** 

08/2025 – 08/2025

 - Developed a high-performance, serverless URL shortener using Vercel Functions, MongoDB Atlas, and a static frontend.
 - Implemented a cached, on-demand database connection utility to optimize performance and minimize latency in a serverless environment.
 - Engineered API endpoints for secure link creation, user-specific retrieval, and dynamic redirects.
 - **Technologies:** Vercel Serverless Functions, Node.js, MongoDB Atlas, Mongoose, Firebase Auth
- House Price Prediction, Machine Learning Project** 

2023

 - Developed a predictive model to estimate house prices by identifying key patterns and correlations in historical and location-based data.
 - Executed comprehensive data analysis, preprocessing, and feature engineering using Python libraries to train and evaluate the ML model.
 - **Technologies:** Python, Pandas, Scikit-learn, NumPy, Jupyter Notebook, Spyder

SKILLS

Programming Languages Python, Java, JavaScript, C++, C	Web Technologies Node.js, Express.js, Vue.js, RESTful APIs, HTML, CSS
Databases PostgreSQL, SQL, MongoDB	Machine Learning Scikit-learn, Pandas, NumPy, Data Preprocessing, Feature Engineering, Data Analysis, Data Annotation
Tools & Version Control Jupyter Notebook, Spyder, Git, MS Excel, MS Word, Power BI	Technical Concepts Object-Oriented Programming (OOP), Data Structures, Algorithms
Cloud/DevOps Vercel, CI/CD, Render	

LANGUAGES

Tamil (Native)	English (Fluent)
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