

# Mohamed Yasin

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Professional Portfolio

## Profile Summary

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Innovative and performance-driven software developer with hands-on experience in backend systems and full-stack development. Skilled in Java, Python, and C#, with a strong grasp of data structures, OOP, and cloud-ready architectures. Passionate about building scalable products and continuously improving through modern technologies.

## Education

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### **SBM College of Engineering and Technology**

*B.E. in Electronics & Communication Engineering*, Dindigul, 2023

CGPA: 7.46 / 10.00

### **CSMA Higher Secondary School**, M.M Kovilur, Dindigul, 2019

HSC: 68.00%

### **Government High School**, Velvarkottai, Dindigul, 2017

SSLC: 89.00%

## Technical Skills

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**Programming Languages:** Java, C#, Python

**Frameworks & Technologies:** ASP.NET Core (MVC, Web API), Spring Boot, Flask, Bootstrap, Deluge Script (Zoho Creator Automation), HTML, CSS

**Databases:** MySQL, SQL Server

## Experience

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### **Junior Software Developer**

*Voicesnap Pvt Ltd* — March 2024 – Present

**Technologies Used:** C#, ASP.NET Core, SQL Server, HTML, CSS, Zoho Creator

### **PayFrugal::**

- Developed and automated an end-to-end accounts payable system for processing vendor invoices and scheduling payments.
- Integrated email monitoring to automatically extract invoice PDFs, enabling real-time payment tracking, vendor management, and task automation.

### **VIMS::**

- Created an accounts receivable system for streamlining customer payments and managing incoming funds.
- Implemented e-invoice functionality for seamless invoicing and payment collection.

### **Solar Customer Management Platform::**

- Developed a multi-module platform for customer interaction, improving service efficiency through proposal generation and receipt delivery.
- Enabled real-time tracking for customers, agents, and admins, improving service management and customer feedback.

## Projects

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### SkyMax Pro 2.4 – Flight Booking System

*Java, Spring Boot, SQL, HTML/CSS, OOP*

- Developed a flight booking platform using Object-Oriented Programming concepts with Java and Spring Boot.
- Implemented real-time flight availability, booking history, and user profile management.
- Managed backend operations with SQL and built a responsive frontend using HTML and CSS.

### Python Projects

*Python, Flask, SQL, APIs, Streamlit, Docling, Hugging Face*

- **Document Q&A System:** Extracted and chunked data from PDFs using Docling's hybrid chunking, embedded text with Sentence Transformers (Hugging Face), stored embeddings in LanceDB vector database, and built an interactive Streamlit app for querying document content.
- **Amazon Price Tracker, LinkedIn Bot, Spotify Playlist Generator:** Developed Python applications with a Flask frontend, automated tasks using Selenium WebDriver, managed data with SQL, and integrated APIs to generate playlists.

## Tools & Utilities

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- **IDEs:** Eclipse, PyCharm, Visual Studio, VS Code
- **Version Control:** GitHub
- **Database Tools:** MySQL Workbench, SQL Server

## Coursework & Certifications

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- Full Stack Development – Java, MySQL, Web Applications (Blueball Technology)
- 100 Days of Python Bootcamp – Python Programming, Projects (Udemy)
- ASP.NET Core Training – Web API, MVC, Entity Framework
- Object-Oriented Programming – Core OOP Principles
- Data Structures and Algorithms – Problem Solving and Core Concepts

## Additional Information

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- **Languages:** English, Tamil
- **Interests:** Software Development, AI/ML, Web Development