MIDHUN JINAN
SOFTWARE DEVELOPER

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OBJECTIVE

To secure a position as a software developer in a dynamic and stimulating working environment that fosters continuous improvement and provides opportunities for learning new skills and to contribute best efforts towards the advancement of myself & the company.

PERSONAL INFO

E-mail: midhunterx@gmail.com

Phone Number: 8089529374

Place: Menamkulam, Kazhakuttom

Date of Birth: 21-05-1998

SOFT SKILLS

- Analytical Thinking
- Strong problem solving skills
- Excellent attention to detail
- Organizational Skills
- Collaboration Skills
- Strong Time Management

INTERESTS

- Digital Art
- Graphic Designing
- UI/UX Designing
- Adobe Premiere Pro
- Adobe Photoshop
- Adobe InDesign
- Photography
- Calligraphy
- Typography
- Ergonomics
- Frame Composition
- Digital Forensics

FURTHER PLAN

I intend to enhance skills in DevOps practices, including continuous integration and deployment (CI/CD), to streamline software development processes and improve collaboration between development and operations teams.

TECHNICAL SKILLS

Languages :	Python	C	Java	Lua	Bash
Databases :	MySQL	SQLite	MongoDB	PostgreSQL	
Web Devel :	HTML	CSS	JavaScript	Bootstrap	Tailwind
Framework :	Django	Next JS	React JS	Hyperledger Fabric	
Tools & SW :	Git	GitHub	NeoVim	SSH	Tmux

PROJECTS

Scholar CAP (Computer Aided Processing)

- Used **Python** to develop a comprehensive toolset in to **automate** the processing, parsing, sanitization, IFSC validation and data entry of student scholarship forms and automated generation of **Excel Spreadsheet** for Bank NEFT transfers.
- Improved **operational efficiency** by **75%** (from 8m to 2m) and reduced manual errors by **300%** (from approx. 26 to approx. 2) which resulted in decreasing loss.
- Optimized initial loading time by **85%** (from **5s** to **750ms**) using **multithreading**.

GNOSIS - Knowledge Sharing Forum

- Designed and developed a knowledge sharing forum using **Django, Bootstrap** and integrated a Large Language Model (LLM) with **Gemini AI** for answer generation.

Cracking a Cipher using Frequency Analysis

- Developed a webapp utilizing **Caesar Cipher Cryptography** to encrypt/decrypt text.
- Developed n-gram **frequency analysis** method to crack the **encrypted data**.

Custom Played Game Showcase Website

- Designed and developed a sophisticated custom website to showcase a **dynamic** list of played games, utilizing **HTML**, **CSS**, and **JavaScript**.
- Implemented parsing logic to dynamically populate data from a **JSON** file.

Asset Tracking System on Blockchain Network

- Implemented an Asset Tracking System on a **Blockchain Network**.
- Developed backend **smart contracts** using **Hyperledger Fabric**'s chaincode to manage asset transactions and tracking on the blockchain.

Personalized Development Environment

- Developed features and imporved upon Neovim using **Lua** language to create a personalized development environment for ergonomic and productive development.
- Optimized loading time by **86.1%** (from **348.22ms** to **48.06ms**) by implementing lazy loading, code refactoring and other **optimization** techniques.

EDUCATION

Sarabhai Institute of Science and Technology, TVM — 2019 - 2023
B.Tech (Bachelor of Technology), Computer Science Engineering

S.M.V Model Boys Higher Secondary School, TVM — 2015 - 2017
12th HSE (Higher Secondary Education), Computer Science

Sree Vivekananda Memorial Public School — 2014 - 2015
10th CBSE (Central Board of Secondary Education)