

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	Angular	React JS	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, validation, data entry of student scholarship data 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

- Used **Django** and **Bootstrap** to design and develop a knowledge sharing forum 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**.

Game Trackr - Personal Game Library Tracker

- Used **Angular** to upgrade and modernize an existing web development project
- Developed dynamic pages using Angular components, **services**, and **interfaces** to parse and manage JSON data. Integrated **TailwindCSS**, SASS, and DaisyUI for designing a responsive and visually appealing user interface.




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.

Personal Portfolio

- Used **Next.js**, **React.js** and **TypeScript** to develop a responsive portfolio website.
- Designed custom animations with **Framer Motion** and **GSAP**.
- Optimized image loading with **lazyloading** and **base64**-encoded placeholders, improving page performance.

EDUCATION

 Sarabhai Institute of Science and Technology, TVM B.Tech (Bachelor of Technology), Computer Science Engineering	2019 - 2023
 S.M.V Model Boys Higher Secondary School, TVM 12th HSE (Higher Secondary Education), Computer Science	2015 - 2017
 Sree Vivekananda Memorial Public School 10th CBSE (Central Board of Secondary Education)	2014 - 2015