

Aman Kanojiya

 AMANKANOJIYA |  [linkedin/in/amanTheCodeAddict](https://www.linkedin.com/in/amanTheCodeAddict) |  Aman Kanojiya
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Summary

I have worked as a full-stack developer and system designer for the last 4 years. I worked with many companies as an intern and have proven to leverage full-stack experience to build interactive and user-centric website designs to scale. Recently developing experience in extensive system architecture development and administration, as well as network design and configuration.

Skills

Languages	Python, JavaScript, TypeScript, Golang, MATLAB, C++
web development	HTML, CSS, Javascript, React JS, SCSS, Animation Library, Tailwind, NodeJS, PHP, Express, Django, MongoDB, MySQL, Schema Designing, Firestore, nextjs
Designing	Adobe XD, Figma, Photoshop, Illustrator, UI/UX Designing, Premier Pro, After Effects
Cloud	Docker, Google Cloud, AWS, Kubernetes, Terraform, Ansible, minikube , Iaas, Paas, Saas
Blockchain	Solidity, Smart Contract, Ethereum, Decentralized App, DAO, Metamask, Algorand

Projects

LoadBalancer April, 2022 - May, 2022

[Github](#)

- Layer-3 load balancer written in Go with Flask servers as the backend.
- It uses the Round robin algorithm, which is 80% efficient to work. With Features, traffic redirect, and healthy servers, check
- It can handle up to 100 IP addresses and is tested on 10 with the same load capacity and 100% performance.

Numerical Analysis August, 2021 - October, 2021

[Github](#) [Pypi](#)

- Python Library contains 10+ algorithms and Vector Implementation.
- Class-based Functioning with different methods and specific classification Multiple Version Released on Pypi with latest version 1.0.1
- More than 7000+ download's of the particular package with 100+ in a month

Blog Website (Scroll) November, 2021 - December, 2022

[Github](#)

- Blogging Platform using MVC Architecture, Designed on AdobeXD and REST API for Communication
- Upload a new blog with maximum capacity and Image addition
- Passportjs for authentication and authorization of users with admin control over all data

Multifactor Authentication December, 2021 - December, 2021

[Github-1](#) [Github-2](#)

- Implemented a Microservice layer to connect Applications across multiple regions with different code bases.
- Integrated Okta service for Multi-Factor Authentication and Single Sign-On, ensuring secure and easy integration using JWT session tokens.
- Passportjs for authentication and authorization of user with admin control over all data

Work Experience

CUEBUS (Japan) ([Full stack Developer](#))

April, 2023 - present

- Developed interactive systems for CUEBUS, improving storage and logistics efficiency.
- Created a tile map editor system, integrating with simulations for streamlined warehouse management (80% operational efficiency increase)
- visualization system for grid layouts, optimizing space planning (15% space utilization improvement).
- Simplify configuration processes, Easy installation, and layout changes for adaptability and scalability.

Bind Systems ([Full stack Developer](#))

July, 2022 - August, 2023

- Encryption in mailing system to protect content inside from harmful attacks
- SMTP mailing server setup with TLS certificate for mail transfer to multiple mail transferring agent
- Authentication using DIDComm connecting to user wallet with SMTP protocol to forward mail
- Build API for Opensanction data Query with max Privacy.
- Image Extraction and Comparison using Pan Card and Addhar Card with 91% acc

Conskid ([Backend Developer](#))

June, 2022 - August, 2022

- Large-scale video conferencing solution for better communication between teams and on-site application users
- Embedding Chat system, which was tested for 30 users and works 100% effectively
- Live Streaming system using WEBRTC with multiple socket connections and 16fps video rate

Education

July, 2020 - July, 2024 B.Tech Environmental Engineering at **IIT Dhanbad**

Jul, 2019 - April, 2020 Higher Secondary **Kendriya Vidyalaya No.1**

Achievements

- 1st Runner up in Hackfest-23 Hackathon organized by IIT Dhanbad
- 7th Rank in Hackfest-22 Hackathon organized by IIT Dhanbad
- 2nd Runner up in Multi-Factor Authentication Hackathon organized by TechFest, IIT Bombay
- 2nd Runner up in Consensys Metamask Snaps for wallet InterIIT Tech Meet 11.0
- 2nd Runner up in Digital Alpha's SEC Filing Analyzer for SaaS Companies InterIIT Tech Meet 10.0
- 2nd Runner up in Flipkart Grid 5.0 Infosec Track
- Google HashCode 2022 Global Ranking - 3240
- Flipkart Grid 4.0 Finalist Top 5 teams all over India Finalist in Infosec track
- Postman Student Experts
- GoogleCloudReady Facilitator Program [Qwicklab](#)

Position of Responsibility

- Takshak Robotics Fest by Robotronice club IIT Dhanbad (Finance coordinator)
- Software and Image Processing Position at RoboISM official Robotics and AI club.
- Cyber Labs Hardware Division official Development club member.
- Tech Coordinator of Electronics Club official electronics and IOT club.

Certifications and Training

Can refer to [LinkedIn Licenses & certifications](#)