Aman Kanojiya

B.Tech – Environmental Engineering - IIT (ISM) Dhanbad

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EXPERIENCE

Bridge Application - *Backend Developer*
(Nov 2021 - Jan 2022)

- Developed the MVP backend for a social media app.
- Features include chats using WebSockets, profile search using Elasticsearch, and real-time post feed.
- Integrated CI and CD pipelines using GitHub Actions.
- **Tech Stack:** Node.js, MongoDB, Elasticsearch, DigitalOcean, Docker, GitHub Actions.

PROJECTS

Blog Website (Scroll) (NOV 2021)
- WebApp provides a platform for Bloggers and Readers to interact with each other.
- Communication was Established through RESTful API with MVC architecture self-designed using Adobe XD
- **Tech Stack:** Passport js, Nodejs JavaScript, HTML, CSS, Adobe XD, Adobe Photoshop

  GitHub: AMANKANOJIYA/Aman-Blog-Site

SEC Filing Analyzer — *Finance Website* (March 2022)
- Frontend Developer created an interactive website with a proper routing system, Designed the UI and UX using Figma
- Realtime data feeding and Graph plot using Chart js
- **Tech stack**: React, MongoDB, Docker, Elasticsearch, CSS, Next js, Chartjs

  IIT-ISM-GSEC · GitHub

Cross-Chain NFT Bridge (FEB 2021)
- A cross-chain bridge for bridging ERC721 Tokens (NFTs) supporting Ethereum, Avalanche, and Solana with a clean and easy-to-use UI for users.
- **Tech stack**: Node.js, React JS, Solidity, Metaplex, Web3.js, Solana Web3.js, Material UI, HTML, CSS
- GitHub - AMANKANOJIYA/BlockChainIITB

IoT Based Weather Station (MAR 2022)
- IOT based Weather system is which gathers data from the sensor and send it to an API that Store data in Mongo Database Online
- When we access the Website it automatically plots a MAP which uses the Data given By Sensor and OPENWEATER future prediction data API
- **Tech Stack:** NodeJS, JavaScript, c++, API, HTML, CSS, Google Maps, MongoDB, Hardware(ESP32, BSP26)
- GitHub - AMANKANOJIYA/CL_HARDWARE_IOT

EDUCATION

Indian Institute of Technology (ISM), Dhanbad
B.Tech – Environmental Engineering
JULY 2020 - MAY 2024 **CGPA – 7.1**

Kendriya Vidyalaya No.1, Gandhinagar
12th - APRIL 2019 - APRIL 2020 - **91%**
10th - APRIL 2017 - APRIL 2018 - **81%**

TECHNICAL SKILLS

Languages	Python, Javascript, GO, MATLAB
Frontend	HTML, CSS, Javascript, Bootstrap, Node React JS, SCSS, Animation Library
Backend	NodeJS, PHP, Express
Database	MongoDB, MySQL, Schema Designing
Designing	Adobe XD, Figma, Photoshop, Illustrator, UI/UX Designing
Tools and Library	Git, Postman, Github, NumPy, Pandas, Matplotlib, OpenCV
Blockchain	Web3.js, Solidity
Robotics	Arduino, ESP Dev Boards, Raspberry Pi, Electronics

ACHIEVEMENTS

- **3 rd position** in Multi-Factor Authentication Hackathon organized by TechFest, **IIT Bombay**
- **3 rd position** in Digital Alpha's SEC Filing Analyzer for SaaS Companies **InterIIT Tech Meet**
- **Qualified till Top 4 in Grand Challenge by CDAC**, India
- This Qualified in Web It Up – Thesis Management Portal organized by NVCTI IIT (ISM), Dhanbad
- **Mesa Robocalypse**, Autocalypse **Nirma University** (Tech Solution)
- SPE Indian Institute of Technology ISM: **3 rd Position**
- **Python Module Reached 3.6K Downloads**
- **Postman Student Expert**

POSITIONS OF RESPONSIBILITY

- **Member of RoboISM,** the official club of IIT (ISM) Dhanbad.
- **Member of Electronics Club**, the official club of IIT (ISM) Dhanbad.
- **Member of Cyber Labs (Hardware)**, the official club of IIT (ISM) Dhanbad