AASHIQA RISMI

Python Developer

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PROFILE SUMMARY

Experienced Python Developer with 3+ years of expertise at Relentless Systems Pvt Ltd and a Bachelor of Engineering degree. Proficient in **Python, Django, Flask, NumPy, Pandas, MySQL, MongoDB, PostgreSQL, HTML, CSS, JavaScript,** and **React.js.** Consistently maintained a 90% academic performance. Skilled in designing and implementing efficient solutions. Delivered high-quality projects on time, contributing significantly to team success.

EXPERIENCE

Software Developer

Relentless Systems Pvt Ltd - Bangalore   Feb 2021 - Present

SKILLS

- Python
- Django
- Flask
- Numpy
- Pandas
- MySQL
- PostgreSQL
- MongoDB
- AWS
- HTML
- CSS
- JavaScript
- React Js
- Version Control : Git & GitHub

EDUCATION

Dr Mahalingam College of Engineering and Technology

B.E - Electronics And Communication Engineering -   CGPA - 7.98

H.S.C - 93/100

S.S.L.C - 95/100

INTERESTS

- Artificial Intelligence
- Machine Learning
- Web Development

LANGUAGES

- English
- Tamil
- Hindi

PROJECT

Geno Ethics

Python | Django | PostgreSQL | React JS   May 2023 - Present

GenoEthics ensures compliance with data protection regulations and enforces ethical use policies within the GenoSecure system. It features regulatory compliance, ethical data handling, and user education. The project includes mechanisms for consent management, policy enforcement, auditing, monitoring, and handling data subject requests.

- Implemented the Ethical Compliance Module to ensure compliance with data handling standards.
- Developed a robust Django back-end architecture for managing ethical guidelines and user interactions.
- Collaborated with the front-end team to integrate ethical compliance features seamlessly into the user interface using ReactJS.
- Integrated PostgreSQL to manage ethical compliance data and ensure scalability and performance.

Geno Link

Python | Django | PostgreSQL | React JS   May 2022 - Apr 2023

GenoLink establishes secure channels for transmitting genetic data within the GenoSecure system. It ensures data confidentiality and integrity through encryption, biometric authentication, and real-time monitoring. The system integrates with message-oriented middleware for asynchronous communication and offers secure APIs for external collaborators.

- Developed a secure data transmission protocol that led to a 25% decrease in data breach incidents within the initial 6 months of implementation.
- Conducted regular performance optimization and code refactoring to improve system reliability and scalability.
- Developed RESTful APIs using Django REST Framework to facilitate secure data exchange between client and server.

Geno Vault

Python | Django | PostgreSQL | React JS   Apr 2021 - Apr 2022

GenoVault is a secure infrastructure for storing genetic information, ensuring confidentiality, integrity, and availability through advanced encryption and strict access controls. It complies with data protection regulations and features secure data transmission, regular backups, and data integrity checks, with comprehensive audit trails.

- Developed and implemented Advanced Encryption Standard (AES) algorithms to ensure secure storage and retrieval of sensitive genomic data.
- Designed and implemented authentication and authorization modules to secure user access, including role-based access control (RBAC) and multi-factor authentication.
- Integrated PostgreSQL for secure storage of user credentials, role definitions, and access control lists.