

Aayushi Rai

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TECHNICAL SKILLS

Languages : TypeScript, Python, JavaScript, SQL, HTML, CSS

Databases : MongoDB, MySQL, Firebase

Frameworks & Libraries : Node.js, Express.js, Django, Flask, Pandas, SQLAlchemy

Tools & Cloud Platforms : Google Cloud Platform (GCP), Firebase

Soft Skills : Problem-solving, Teamwork, Communication, Decision Making

API & Web Development : REST API, Postman, Authentication & Authorization

WORK EXPERIENCE

Nimbly Technologies

Jul 2023 – Present

FULL STACK DEVELOPER (*Typescript, Javascript, Node, Express, MongoDB, Firebase, GCP, API*)

- Developed and optimized REST APIs and integrated external APIs for Nimbly Technologies' web and mobile applications, improving API response time by 20% and increasing application functionality, which led to a 15% boost in user engagement and a 10% reduction in API errors.
- Utilized Google Cloud Platform (GCP) for deployments, logging, and performance monitoring of APIs to ensure seamless operations.
- Designed scalable MongoDB and Firebase schemas, leading to a 20% faster data retrieval for critical application features.
- Improved existing API performance through parallel processing and reduced database calls, collaborating with teammates to maintain and enhance product performance.

KonnectNxt

Jul 2022 – Jul 2023

SOFTWARE DEVELOPER INTERN (*Python, Django, Flask, API, SQL, Pandas, HTML, CSS*)

- Building an AI enabled SaaS platform to simplify talent hunt and initial screening.
- Develop the backend using the Python Django framework, creating REST APIs with Django REST framework, and manage the server hosted on AWS.
- Utilize SQLAlchemy ORM with a MySQL database, writing complex queries and using connectors to interface the backend server with the MySQL database.
- Devised a comprehensive validation framework for data preprocessing using pandas dataframes, ensuring 99% accuracy in data quality checks prior to applying machine learning algorithms, thereby minimizing the risk of model inaccuracies.

PROJECTS

CrazyShoppers (Python, Django, MySQL, Payment Gateway, HTML, CSS)

- Built an E-commerce platform with secure user/admin login, product search, cart, purchase, and admin product management.
- Added a blog feature for users to write, read, and comment, boosting engagement and potential sales.
- Implemented role-based access control for user/admin permissions and content management.
- Integrated payment gateway for seamless online transactions and secure order processing.

Weather App (Python, Flask, MySQL, SQLAlchemy, HTML, CSS)

- Created a global weather application using a weather API for real-time data retrieval, covering cities worldwide.
- Implemented CRUD functionality, resulting in a seamless user experience and 100% data accuracy for user input.
- Added error handling and validation to ensure accurate weather data and enhance user experience.
- Deployed the application on Heroku for easy access and scalability.

EDUCATION

Guru Gobind Singh Indraprastha University

2019 - 2023

Bachelor of Technology in Computer Science and Engineering (CGPA: 9.00)

Udai Pratap Public School

2018 - 2019

Senior Secondary, C.B.S.E Board (85%)