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SUMMARY

Around 1+ years of experience in designing, developing, and maintain software applications for various platforms using programming languages and tools. I collaborate with cross-functional teams, troubleshoot issues, and document code and processes. I stay up-to-date with the latest trends and best practices in software development to ensure that software applications are functional, efficient, maintainable and secure.

KEY SKILLS

- Python, Java
- frameworks: Django, Django Rest Framework, FastAPI
- Postgresql
- GIT and GITHUB
- JavaScript, CSS3, HTML5
- Problem-solving skills, Communication skills

EMPLOYMENT AND PROJECTS:

- Bit squad Software Pvt.Ltd.

Projects Details

Project 1: Title: Conto (March'23 to till date)

Technologies used: Python, Django Rest Framework, Git, Postgres

- It contains all the functionalities related to Payment.
- It can generate the report of Login, Payment, Customer, Bills and Transactions.
- Backend using python, Django Rest Framework, Postgres for storing and maintain records and relationship.

Roles and Responsibilities

- Developing and maintaining the server-side of the application, which includes the database, APIs, and backend systems.
- Writing code in server-side programming languages and frameworks like Python, Django.
- Designing and implementing data storage solutions using Postgres database.
- Ensuring high performance and responsiveness of the backend systems.
- Debugging and resolving technical issues that arise in the backend.
 - Implementing security measures to protect user data.

- Project 2:

Title: Creative Rabbit, Backend Developer (Jan'22 to July'22)

Technologies Used: Python, FastAPI, Postgres, Gitlab, ReactJS.

- It's a simple application to purchase and sale of domain.
- Developed Api's using FastAPI to evaluate the request and save the data into database.
- Integrated Third Party Domain Api such as DNS sample and Go daddy.
- Faster the existing Code by 10x by using asynchronous programming.
- Integrated Stripe Payment gateway to handle the sale and purchase transactions of domain.

ROLES AND RESPONSIBILITIES:

- Designing and implementing database schemas, models, and queries to support website functionality.
- Collaborating with front-end developers, designers, and other stakeholders to understand requirements and ensure seamless integration between the server-side and client-side of the application.

- Keeping up-to-date with the latest trends and best practices in web development, and contributing to the development of the website's backend architecture and technology stack.
- Debugging and resolving server-side issues and bugs.
- Ensuring the scalability, performance, and security of the website's backend infrastructure.

- Project 3:

Title: Payroll in Accounts, Backend Developer (Jan'21 to Dec'21)

Technologies Used: Python, Postgres, Gitlab, Django Rest Framework.

• Payroll System is to manage the details of Salary, Payments, Payroll, Employee, Working Points. It manages all the information about Salary, Appraisals, Working Points, Salary.

• It has to store all the records of all employees within the organization to assign work to person and right salary and perks to their eligible employees.

• It can also manage employee information efficiently, define the emoluments, deductions, leave, tax etc, generated pay-slip, generate and manage the payroll processes according to salary structure assigned to the employees etc.

ROLES AND RESPONSIBILITIES:

- Develop back-end components to improve responsiveness and overall performance.
- Integrate user-facing elements into applications.
- Test and debug programs.
- Improve functionality of existing systems.
- Coordinate with internal teams to understand user requirements and provide technical solutions.
- Creates customized applications for smaller tasks to enhance website capability based on business needs.
- Builds table frames and forms and writes script within the browser to enhance site functionality.
- Ensures web pages are functional across different browser types; conducts tests to verify user functionality.

- Project 4:

Title: Online Learning Platform, Backend Developer (July'21 to Dec'21)

Technologies Used: Python, Postgres, Gitlab, Django, HTML, CSS, Javascript. An e-learning platform is a website or application that provides online educational courses, materials, and resources to students. As a Django developer, your role in developing an e-learning platform would involve creating a robust, user-friendly web application that allows students to access and complete courses online.

ROLES AND RESPONSIBILITIES:

Designed and developed a full-stack e-learning platform using Django and Python, including front-end interfaces and back-end data models.

- Worked closely with stakeholders, including teachers and administrators, to understand their needs and requirements, and iteratively developed the platform to meet those needs.
- Implemented features such as course creation and management, user authentication and authorization, course materials distribution, and progress tracking.
- Developed automated tests to ensure high quality and reliable functionality of the e-learning platform.
- Utilized Django's built-in security features to protect sensitive user data and ensure a secure online learning environment.
- Improved platform scalability and performance, allowing it to handle increased traffic and user load.

DECLARATION: I do hereby declare that the details provided above are true to the best of my knowledge and ability.