GANESH CHEERA

Fort Wayne IN
260-246-8584
cheeraganesh3@gmail.com

SUMMARY

Software engineer with extensive expertise in front-end design, responsive application development, and seamless API integration. Known for delivering impactful, user-centric solutions and driving innovation. Actively seeking opportunities to leverage full-stack development skills to create scalable, cutting-edge applications and enhance overall user experience.

SKILLS

- **Languages:** Python, C
- **Frameworks:** Flask, Django, React.js, React Native
- **Web Development**: HTML, CSS, JavaScript, Bootstrap, node.js, Express.js
- **IDE:** PyCharm, Visual Studio, Notepad++
- **Data Analysis Tools**: Tableau, Power BI
- **Database Management**: MySQL, MongoDB, Oracle 11g, Snowflake
- **Tools:** GitHub, Netlify, Heroku, Figma, and Postman, Aws, Kafka

EXPERIENCE

Full Stack Web Developer- Indiana Institute of Technology (Student)   01/2024 to 03/2024

- Contributed to the analysis, design, and development of an e-commerce web application, utilizing Python, Flask, React, HTML, CSS, Postman, and JavaScript in the development process
- Developed React pages for the product catalog and checkout modules and integrated them with the REST API using Python, Flask, MySQL, and React.js
- Implemented role-based authorization to accommodate both merchant and customer functionality
- Optimized performance by implementing code splitting and lazy loading in React to enhance application responsiveness and reduce load times
- Actively participated in code reviews and collaborative development using Git for version control to manage and integrate code changes effectively, ensuring high-quality and consistent code
- Conducted thorough testing rigorously on multiple browsers to validate functionality, leveraging Postman

Full Stack Web Developer- Bala Lahari (Volunteer)   06/2023 to 12/2023

- Planned, designed, and developed a class management project aimed at simplifying student and teacher role activities with Python, Flask, MySQL, React.js, HTML, CSS, JavaScript, and Bootstrap
- Automated creation of class material, assignments, and exams for teachers and submission of their corresponding work by students using React.js and the Rest API
- Developed intuitive and responsive user interfaces and dashboards for effective management of educational activities, using React.js and Bootstrap to provide a seamless user experience
- Documented the development workflow and created detailed user guides, facilitating clear understanding and smooth operation for both end-users and future developers
- Implemented authentication with JWT tokens and an email verification link for enhanced security

Django Backend Developer - Risezonic LLP (Software Engineer)   08/2020 to 03/2021

- Designed a company portal for managing external users and internal employees' activities
- Utilized Django, HTML, CSS, Bootstrap, and JavaScript for development
- Implemented a secure user authentication mechanism specifically for internal employees' login
- Developed a job portal enabling users to apply for open positions and communicate with HR. Designed equipment inventory and vendor management modules to streamline operations

Full Stack Web Developer- Munna Services (Co-Founder)   01/2020 to 07/2020

- Joined a team of young engineers, to build an online portal to link service providers and service seekers for any kind of service to meet household needs, revolutionizing the online home services sector with diverse offerings tailored to household needs using Django, Mongo DB, HTML, CSS, JavaScript, Bootstrap, and Python
- Developed an intuitive end-user interface for logging, service booking, prioritizing, providing customer ratings of the service, and communicating with the service provider
- Created a user-friendly platform for service providers to register their services, view requests, create offers, and rate customers
- Implemented role-based access for users, workers, and admins
- Engineered advanced features such as real-time notifications and dynamic service recommendations, optimizing user interaction and satisfaction with personalized service experiences

Frontend Developer - Sri Vasavi Engineering College (Student)   09/2018 to 06/2019

- Proposed and collaborated with college staff and a small group of students to automate some of the college activities with complex rules using HTML, CSS, JavaScript, PHP, and SQL
- Automated creation of class timetables to schedule lecturers to labs, main subject classes, and other subject classes based on their preferences and college guidelines
- Developed the Question Paper Generator project by creating a question bank with question types and configurations of test types

EDUCATION AND TRAINING

MASTER OF SCIENCE: INFORMATION SYSTEMS 03/2024
Indiana Institute of Technology
B.TECH.: COMPUTER SCIENCE ENGINEERING 12/2019
Sri Vasavi Engineering College