Sai Nithin Goud Kurremula

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Summary

Inspired Python Developer with a strong foundation in Python Django and Back-end Development. Proficient in handling front-end development with React. A highly motivated individual who demonstrates strong problem-solving abilities, effective communication skills, and a can-do attitude. Eager to contribute and grow in a dynamic development environment.

Professional Skills

Programming Languages:	Python, C, C++, Java, JavaScript
Web Frameworks:	Django, Flask, FastAPI, React.js, Wagtail, Django Rest Framework, TypeScript
Web Technologies:	HTML, CSS, JavaScript, Ajax, jQuery, Bootstrap, REST APIs
Databases:	PostgreSQL, MySQL, SQLite, Elasticsearch
Testing:	Django Unittest, Pytest, Flake8
DevOps and Deployment:	Docker
Software Tools:	GitHub, GitLab, Visual Studio Code, PyCharm

Education

University of Cincinnati
MEng in Computer Science   Aug 2024 – Present

Backstage Pass Institute of Gaming and Tech
BSc in Computer Science and Game Development   June 2024

Experience

Web Development Intern   Jan 2024 – June 2024
Skyinfolab Software Solutions, Hyderabad, India

- Designed, developed, and implemented dynamic websites using Python, enhancing back-end functionality by efficient code structuring.
- Collaborated with a cross-functional team to integrate front-end and back-end web solutions.
- Worked in the development of critical modules, ensuring adherence to project timelines and boosting team efficiency through clear communication and code reviews.
- Enhanced web design and problem-solving skills, streamlining existing codebase and reducing system bugs by Python best practices.

Projects

Ecommerce Web Application

- Developed an eCommerce platform using Django and React, with features like shopping cart, secure user authentication, and payment integration.
- Built product review and rating systems, product search, and a carousel for top products to enhance user experience.
- Designed user profiles for seamless order tracking and developed an admin dashboard for efficient user, product, and order management, reducing admin processing time.
- Engineered a seamless checkout process with payment integration via PayPal
- Developed a responsive design and scalable architecture, improving load time and supporting peak user activity without performance lags.

Technologies Used: Django, React, React-Bootstrap, RESTful API, PostgreSQL, JWT, PayPal API.