Yashwanth Nandam

Phone: 9971099351 Email: yesnandam@gmail.com Github: github.com/yashwanthnandam

Education

- Indian Institute of Technology Delhi(BTech)   2016-2020

Skills Summary

- Languages: Python, Java, YAML, JavaScript, SQL, CSS, HTML

- Frameworks: Django, GoLang, Odoo, ReactJS, Redux, Celery, RabbitMQ, REST Framework

- Tools: GIT, PostgreSQL, DataDog, Ansible, Rancher, Kubernetes, Docker, MySQL, SQLite, Jira, Keycloak

- Platforms: Nginx, Redis, Linux, Web, Windows, AWS, Redshift, Metabase

- Soft Skills: Leadership, Event Management, Writing, Public Speaking, Time Management

Experience

Dyninno India

Senior Software Developer (Full-time)   Jan 2024 - Present

- Spearheaded the development of a corporate travel project, utilizing Golang to establish the project's foundation. Evaluated and implemented tools to streamline development processes, ensuring enhanced efficiency for future development teams.

- Implemented SQL templates and utilized the oapi generative framework to automate boilerplate tasks. Developed a worker server to manage asynchronous operations and integrated API gateway for seamless API stitching and application of API-specific caching strategies.

- Facilitated seamless integration with internal microservices, including authentication, Gmail, and mobile services, enhancing project functionality and connectivity.

- Demonstrated leadership by managing Jira tickets, serving as a Sprint Master, and actively contributing to product roadmap discussions, ensuring alignment with business objectives.

Dehaat

Software Developer (Full-time)   Oct 2021 - Present

- Dehaat SaaS Platform: Led the development of a robust SaaS Platform using Golang. Orchestrated the establishment of a CI/CD Pipeline to ensure seamless integration and deployment. Constructed a centralized catalog master, integrating all verticals of the platform. Implemented Dependency Injection for flexibility and Leveraged Go Routines extensively to optimize concurrency, Implemented Keycloak authentication to enhance security and wrote Dockerfiles for containerization. Streamlined deployment processes by automating them using Ansible, Deployed and managed scheduled Cron Jobs using Rancher.

- Vendor Onboarding: Architected and developed various structs and views in metabase and redshift, utilizing them within Golang application. Implemented robust functionalities for vendor onboarding, including the creation of a centralized OCR service for scanning Aadhar, PAN, and other identification cards. This innovative solution significantly reduced the onboarding time from 2 days to just a few minutes.

- Output marketplace application: Designed and implemented a comprehensive set of APIs to enable smooth workflows for multiple roles. Utilized Django as a middleware to seamlessly integrate with Odoo, acting as a centralized server. Spearheaded code coverage and authentication implementation from inception using keycloak. Worked on Production Level bugs and implemented datadog dashboards to visualize data, Used Rancher for tracking down and fixing errors, Implemented the use of coroutines throughout the project for async tasks.

- Input Backend application: Led the development of cashback Distributing service leveraging the power of Celery as a scheduler, utilizing the Advanced Booking scheme. Seamlessly integrated SAP services into our system, enhancing its functionality and connectivity. Implemented robust test fixtures to ensure comprehensive test coverage.

Hello Verify

Software Developer (Full-time) Oct 2020 - Oct 2021

- Report writing module: Developed an automated report writing and mail outgoing system using Django as the backend. Leveraged Django Celery for efficient task management and implemented a high-level decision-making system. Streamlined the database modeling process to ensure optimal performance.

- HV-OPS Project: Contributed extensively to the entire system flow of the HV-OPS project, a major undertaking within the company. Built multiple APIs, addressed functional level bugs, and implemented schedulers to enhance the application's functionality and performance. Laid a solid foundation for the project's future development.

- Deployment process: Led the deployment process of HV-OPS on NGINX, seamlessly integrating Django with GUNICORN. Ensured a smooth and efficient deployment, optimizing the application's performance and scalability.

Freelancing

Remote Software Developer (Self Project) May 2020 - July 2020

- Core Concept: Executed the development of a real-world project using a progressive approach, utilizing Django as the backend framework and React as the frontend technology. Integrated React with Redux for efficient state management.

- Implemented Features: Implemented various features including a product rating and review system, a fully-featured shopping cart with PayPal and credit/debit payment integration, an admin area for managing customers, products, and orders. Integrated additional features such as JWT Authentication, search functionality, pagination, and more.

Internships

- **DRDO - Hyderabad (Reentry Vehicle dynamics: Theory and simulations)**: Conceptualized dynamics of uni-axially symmetric body after its re-enters the atmosphere by considering Euler equations - Worked on its inverse method of finding the moment of inertia and atmospheric force constants using Linear Regression - Received Letter of Appreciation from Mr Jithender Singh (Scientist F DRDO) for excellent performance in the project (May 2017 - June 2017)

Extracurricular Activities

- **Sports Activities Board (IIT Delhi)**: As the Athletics Captain, successfully led a team of 20 athletes and achieved remarkable results at prestigious events such as Inter IIT and Sportech IIT Delhi. Demonstrated exceptional individual performance, earning numerous medals and awards. Oversaw the conduction of Athletics Summer Sports Camp and Inter Hostel Championship, as well as the Oorja Sports Tournament, with a keen eye for spotting hidden talent. (July 2016 - June 2020)