

YORDANOS DEREJE

Contact

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About: A full-stack software developer since 2017, who enjoys: solving challenges, reading books, making musics and building softwares that are scalable, maintainable and optimized to run on any device.

Education

Unity University

Sept 2017 - Dec 2021

Bachelor of Computer Science

• **Courses:** C++, Java, OOP in Java, Compilers, Algorithms, Data Structures, Sql, Database design, Computer Architecture, Operating Systems, System Design, Machine Learning

Skills

Languages: Python, JavaScript, Typescript, Dart, Java.

Front-end skills: Html5, css3, sass, tailwind, figma, ReactJs, NextJs, web-sockets, Material UI, Data Caching(using redux), Redux, RTK query, Apollo client, formik, yup(validation), axios/fetch, react-testing/jest, cypress, API testing tools(Postman/Firecamp) and etc...

Back-end skills: Django(Rest, GraphQL, socket/channels), Flask, Rest/GraphQL API, web-sockets/socket, MERN, MySQL/PostgreSQL/CockroachDB/MongoDB, AWS/On-prem, Terraform, Linux, Bash, Docker/Docker-compose, Ansible, Kubernetes/Helm/K8s, RabbitMQ, Redis, Microservices, Nginx, Envoy, CI/CD and etc...

Coding skills: DRY, OOP, functional programming, SOLID, Design patterns(Strategy, Observer, Builder, Adapter...), Architectures(MVC, Clean architecture...), test-driven development and etc...

Version control: Git-hub, Git-lab

Others: Jira/Trello bug tracking and task management, Jira confluence(documentations and design), agile development(scrum), Miro, slack, strong communicator and a team player

Professional Experience

AWURA computing

Addis Ababa, Ethiopia (Remote)

Front-end developer (ReactJS)

Aug 2022 – Present

• Worked on an Event Management software using ReactJS. It's a SaaS multi-tenant app which is currently used by event organizers based on a subscription plan. The software has a public website for selling event tickets and a portal to manage and host events. It also has a mobile app for scanning qr codes at the gate and updating attendance live on the web portal leveraging web-sockets.

- Implemented a dynamic role based route and view guarding system for the event management portal.
- Configured docker containers, used docker-compose, deployed on the cloud and used Nginx.
- Built a CI/CD pipeline.

iWork Technologies

Denver, Colorado (Remote)

Full-stack developer and automation engineer (Python and ReactJS)

1 year and 2 months

- Worked in the automation engineering team, Tested and automated a kubernetes cluster on each milestone of the project. The cluster is composed of multiple micro-services that work together to provide post quantum cryptography solution with multi-tenant architecture.
- Deployed kubernetes clusters using ansible and Terraform scripts. also wrote test automation scripts for the clusters.
- Worked on multi-tenant systems.
- Built docker containers and a CI/CD pipeline.
- Deployed ec2 instances with firewall configurations and other customizations.
- Built a teaching web app using Django and ReactJs.
- Automated software testing -> testing specific features of a software and reporting the results to a slack channel then storing the results in Testrail for future use.

Rica Technologies

Addis Ababa, Ethiopia (On-site)

Full-stack developer (MERN Stack)

9 months

- Built a MERN stack E-commerce app and an admin interface, Worked in every stage of the project together with the mobile app development team.
- Implemented SMS and OTP system for bulk SMS advertisement and authentication.
- Integrated a reliable payment system(Yenepay and telebirr) for a Ride hailing software.

Freelancing

Freelancer, Freelance Ethiopia

Full-stack developer

2 years

- Implemented a web scrapper pipeline for a client's e-commerce site, Data was getting scrapped from a competitor website and my client got stayed up to date with new product releases.
- Designed, Implemented and Deployed a telegram voice chat bot which let users talk with strangers with their choice of discussion topic. My client got around 1500 users in a week.
- Built a shoe E-commerce website and others for multiple one-time clients.