AUSTON BARBOZA

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INTRODUCTION

As a student pursuing a Master's in Computer Science, **I am passionate about software development and optimizing workflows to improve the customer experience.** *I am particularly interested in using* **automation to streamline the development, code review, and delivery process.**

EDUCATION

Masters in Artificial Intelligence, Long Island University, Brooklyn – Jan 2022 – Dec 2023 – 4.0 GPA.
Bachelor of Technology in Information Technology, Bengaluru, Alliance University – 3.4 GPA – Aug 2014 – June 2019.

TECHNICAL SKILLS

- *Languages – JavaScript, Typescript, Python.*
- *Frontend Frameworks – ReactJS, React Native, Gatsby, NextJS, Bootstrap, Material-Ui.*
- *Backend Frameworks – NodeJS, ExpressJS, NestJS.*
- *DevOps – Kubernetes, Docker swarm, Gitlab CI, Jenkins.*

EXPERIENCE

Software Developer, *CES Technologies* – *NodeJS, React Native* – **June 2019 – Jan 2022**
· Reduced 30% costs by optimized Kubernetes workloads using Grafana logging and monitoring Systems.
· Reduced load time for the frontend website from 500ms+ to 300ms using code splitting and lazy loading.
· Improved bug response time from days to hours by integrating open telemetry observability.
· Reduced 80% of build costs by utilizing Dynamic agents on Jenkins
· Improved delivery of fresh marketing content by 80% to the customers using CMS workflow.
· Improved confidence and Reduced PR approval times by 50% using pipelines and test cases.

Assoc Software Developer, *Gyanmatrix – ReactJS, NodeJS and Docker* – **Jan 2019 – June 2019**
· Improved page loading time by 30% using Lazy Loading on the webpages.
· Improved Team capacity by 20% with the help of interns and training them.
· Built a monorepo boilerplate with build optimizations using docker layer caching and using Drone.io for dynamic build agents.
· Help managers choose the right queue system for event driven system by implementing POC on RabbitMQ and Kafka using Nodejs and docker.

Assoc Software Developer, *Foscio Ecommerce – ReactJS, NodeJS, MongoDB* – **May 2018 – Dec 2018**
· Reduced 80% of the network traffic to backend using Time-based token for media uploads.
· Develop APIs on NodeJS and dynamic ecommerce webpages using React.
· Setting up Nginx with reverse proxy to Nodejs on Azure.

FREELANCING

Backend Developer, *Saarthi Tech Pro – NodeJS, Postgres, Kubernetes, GCP* – **Feb 2021 – Jan 2022**
At Saarthi, I joined with the hunger to learn backend development at scale. Improved the quality of production server impeccably, Reduced the crashes by 90 percent with the help of Observability tools like Grafana, Prometheus. Improved performance of the application by 40% using Kubernetes operated database and microservices

CERTIFICATIONS

· Docker Mastery: with Kubernetes + Swarm from a Docker Captain – Udemy.
· The Complete React Developer Course (w/ Hooks and Redux) – Udemy.
· Python for Beginners – Udemy.

PROJECTS

· **Portfolio Website – https://auston.dev**
· CLI for JWKS rotation on cloud – https://github.com/austonpramodh/jwks-cloud-cli
· Rainfall analysis and prediction system – Final year Engineering project
· MQTT based home automation system – 3rd Semester Engineering project

· **NJ MVC Appointments finder: - https://github.com/austonpramodh/effective-barnacle**

PUBLICATIONS

· Smart ART Gallery at 6th National Conference by T. John at International Journal of Science, Engineering and Technology.
· Stress Detection Band at 4th National Conference on communication and Image Processing at T. John Institute of Technology.