

# Ryan Le Bon

ryanlebon.com

## EDUCATION

### CSU MONTEREY BAY

BS IN COMPUTER SCIENCE

Monterey, California

Concentration: Software Engineering

## CONTACT INFO

Email:

**RYAN.LEBON24@GMAIL.COM**

Phone:

**1-(831)-402-6684**

Calendar:

<https://calendly.com/ryan-lebon24>

## SKILLS

### PROGRAMMING LANGUAGES

- JavaScript • Python
- C++ • R • PHP • HTML
- Groovy • Awk • Lua
- jQuery • C • Java
- SQL • Bash • PowerShell
- Perl • Objective-C • Swift
- CSS • Markdown • LaTeX
- Regex • Go • TypeScript

### ENVIRONMENTS

- Mac
- Linux
- Windows

### TECHNOLOGIES

- Node.js • SVN • Apache
- R Shiny • Heroku • Express.js
- Docker • Jenkins • Terraform
- MySQL • Git • Selenium
- Mabl • Azure • SonarQube
- Ansible • Nagios • Phpmyadmin
- .Net • AWS • GCP • Helm
- Trunk • Tilt • Prometheus • Vim
- PowerShell • Grafana • Sonarqube
- Azure Data Lake • Azure Data Factory

## COMPANIES

### IONTRA SENIOR DEVOPS ENGINEER

San Jose, California - Remote

February 2022 - January 2024

- Implemented Terraform modules for AWS infrastructure expansion and managed AWS Lambda tasks with Python scripts.
- Developed efficient CI/CD pipelines using GH Actions and Argo CD for AWS EKS Kubernetes deployments and reduced AWS testing environment costs by 2.5x
- Containerized and deployed Docker pods to AWS Kubernetes clusters, utilizing AWS CodePipeline for continuous integration and deployment.
- Improved development environment speeds by 1.5x with tilt.dev and utilized Apollo API for GraphQL data queries in React applications using TypeScript.
- Enhanced team communication and operational processes by 50
- Fostered a collaborative learning culture by mentoring junior colleagues and facilitating knowledge sharing within the team.
- Established an AWS Site-to-Site VPN using Terraform to connect and manage connections to over 5000 servers on site.
- Made over 400 changes to Git repositories, gaining extensive experience in agile development practices.

### FIVERR | DEVOPS ENGINEER

San Jose, California - Remote

March 2021 - February 2022

- Automated backups for 50k+ Git repositories using custom Python scripts.
- Collaborated with remote teams to deploy Angular and React applications to Kubernetes clusters in Azure DevOps.
- Deployed a full-stack R Shiny web application processing SQL data from MySQL database on AWS RDS.
- Wrote Terraform code for deploying applications on AWS and Azure, ensuring consistent and scalable infrastructure.
- Leveraged The Graph ecosystem, a decentralized data market for blockchains, to build a decentralized web app.
- Managed and administered bare metal servers, ensuring optimal performance and uptime.
- Deployed Ghost CMS node with Postgres sidecar backed up on IPFS with github actions for Blogging and Newsletters.

### WILLIAMS SONOMA | DEVOPS ENGINEER

Sacramento, California - Onsite

March 2020 - February 2021

- Implemented one of the first Fastlane CI/CD Pipelines for iOS app deployment to the Apple Store.
- Provisioned iOS Mac Mini servers as Jenkins Agents and configured Nagios and Sonarqube for server monitoring.
- Managed servers efficiently with Kubernetes, Docker, and Ansible for streamlined deployment and scaling of applications.
- Configured and deployed bare metal servers using Ansible, ensuring proper software installation and configuration.
- Automated Ansible playbooks through Jenkins job creation, enhancing deployment automation processes.
- Significantly improved iOS app development process speeds by 100x through Fastlane CI/CD pipeline implementation.

## CI/CD AND DEVOPS

- ArgoCD
- Groovy
- YAML
- Jenkins
- Travis CI
- CircleCI
- GitLab CI
- Docker
- Kubernetes
- Helm
- Ansible
- Terraform
- GitHub Actions
- AWS CodePipeline
- Azure DevOps
- TeamCity
- Bamboo

## COLLABORATION TOOLS

- Monday
- Slack
- Microsoft Teams
- Jira
- ClickUp
- Trello
- Asana
- Google Workspace
- Zoom
- GitHub
- Confluence
- Google Authenticator
- Notion
- Basecamp
- Miro
- Figma
- Slack Connect
- Mattermost
- Rocket.Chat
- Microsoft 365
- Zoho Workplace

## COMPANIES

### UPWORK | DEVOPS ENGINEER

San Jose, California - Remote

February 2018 - January 2020

- Developed Azure Functions to transform static data into JSON format for improved accessibility and flexibility.
- Designed and implemented a high-throughput caching solution using Redis to reduce database load by 70, significantly improving application response times.
- Designed and implemented a scalable, secure cloud architecture for critical business applications using GCP, resulting in a 30 percent reduction in operational costs and improved application performance by 25 percent.
- Spearheaded the adoption of Terraform for infrastructure as code across multiple GCP projects, leading to a 50 percent reduction in cloud resource provisioning time and a significant increase in deployment consistency and reproducibility.
- Created a decentralized finance (DeFi) platform, for a decentralized autonomous organizations (DAOs) using web3 skills.

### BAREFOOT SOLUTIONS | DEVOPS ENGINEER INTERN

La Jolla Beach, California - Onsite

January 2018 - December 2018

- Automated Continuous Integration/Continuous Deployment (CI/CD) pipelines using Azure DevOps to enhance development efficiency and deployment reliability.
- Implemented PowerShell scripts tailored for Azure environments to automate backups of critical resources, ensuring data integrity and availability.
- Contributed to Angular projects by troubleshooting issues, enhancing user experiences, and integrating Azure services for seamless functionality.

### CSUMB | TEACHER ASSISTANT FOR WEB DEVELOPMENT COURSE

Monterey, California - Onsite

July 2017 - December 2017

- Assistant for a web development course.
- Created tutorials for HTML, CSS, JavaScript, PHP, SQL, Python.
- Developed scripts to unit test college students homework to determine grades.
- Developed web applications using Node JS
- Volunteered at college mentor ship program to inspire students to pursue computer science.

### CSUMB | TEACHER ASSISTANT FOR PYTHON PROGRAMMING COURSE

Monterey, California - Onsite

January 2017 - June 2017

- Created tutorials for Python.
- Developed scripts to unit test college students homework to determine grades.
- Developed web applications in python using Django.
- Used Python tkinter to create a QR code generation script and created a project for students to develop on.

## EXTRA CURRICULAR

- High school diploma
- Earned Eagle Scout from Boy Scouts of America
- Teachers Assistant for C++ Programming Class
- Teachers Assistant for Python and Web Programming Class
- TA++ Computer Science Department of Research and Education
- Bachelors Degree in Computer Science from CSUMB