

Chris Kjolhede [coal-heed]

Software Developer

720-383-8034

ckjolhede@gmail.com

Linkedin.com/in/chris-kjolhede

github.com/ckjolhede

SKILLS

Languages: Ruby/Rails, SQL, ActiveRecord, HTML

Databases: PostgreSQL, simpleSQL, GraphQL

Tools: RSpec, Git, GitHub, Postman, Heroku, CircleCI, Google OAuth

Human: Integrity, Self Awareness, High IQ, Work Ethic, Sense of Humor, and Single Entendres

RELEVANT EXPERIENCE

High School Science Teacher, Thompson R2-J Loveland, CO Jun 2015 - Nov 2021

- Achieved a 2% increase in the number of passing students every year for six consecutive years.
- Redesigned 4 science curriculums in collaboration with other instructors to align content across the district.
- Increased my student's graduation rates by 5% over 6 years by reducing absenteeism by 10%.
- Founded a mentorship program for at risk students in collaboration with a variety of diverse colleagues.
- Courses taught: Anatomy & Physiology, Genetics, Biology, Chemistry, Earth Science, and Physics

Vice President, Operations, printONE Fort Collins, CO Jan 2006 - Mar 2011

- From inception, designed, built, deployed and maintained an ECD&M startup business.
- Orchestrated the establishment of 2 corporate retail, 1 franchised retail, and 3 manufacturing facilities.
- Wrote proprietary technical manufacturing documents creating a library of instructional, procedural manuals..
- Contracted with the State of Colorado to develop and deploy manufacturing facilities within state penitentiaries.

PROJECTS

Enigma solo project, [Github Repository](#)

Emulates the Axis encryption/decryption process Alan Turing revealed during WW2

- My role: construct a 100% ruby app following specifications.Using TDD I used an Agile approach.
- Enigma demonstrates my understanding of the fundamentals of software language and software design.
- Utilized more advanced architecture by incorporating levels of inheritance along with internalizing data from external sources.
- Tech Stack: Ruby, RSpec

The List group project (4 members) [BackEnd Application](#) [FrontEnd Application](#)

Users make and receive movie and book recommendations to/from other users

- My role: backend API design, construction and testing; consumption of multiple external api's;, and created a portion of the frontend UI.
- Utilized authentication from Google OAuth
- Implemented CI/CD using CircleCI, Docker and Heroku
- Tech Stack: Ruby/Rails, Postman, RSpec, HTML, CSS, CircleCI, Heroku, JavaScript

EDUCATION

- **Turing School of Software Design**, Denver, CO Sept 2022
Accredited Backend Software Engineering Certificate
- **Colorado State University**, Fort Collins, CO June 2015
M.Sc in Education
- **Colorado State University**, Fort Collins, CO May 2014
B.S. in Genetics, Minor in Chemistry, Mathematics, Biochemistry, and Minorng