

Ojas Baral

Denver, CO | (720) 201-1683 | ojas.baral@gmail.com | www.linkedin.com/in/ojasbaral | github.com/ojasbaral

EDUCATION

University of Colorado Boulder

Bachelor of Science in Computer Science, Minor in Business

Cumulative GPA: 3.98/4.0; Dean's List 2022-2024

Relevant Coursework: Data Structures, Computer System, Software Development, Database Systems, Algorithms

Boulder, CO

Aug 2022 – May 2026

EXPERIENCE

Humana

Software Engineer Intern

Remote

May 2024 - Aug 2024

- Utilized SwaggerHub and OpenAPI specifications to design two RESTful API's to ensure robust API functionality and promote reusability to limit API sprawl while following enterprise standards.
- Built a reactive, non-blocking SOAP client in Java using Spring WebFlux allowing for better API performance.
- Updated outdated documentation on Humana's REST API standards and Java libraries by examining existing Enterprise APIs throughout Humana, as well as reviewing Humana's libraries built for API development.
- Educated various teams within Humana on creating OpenAPI specifications as well as using SwaggerHub and Humana github pipelines by creating process documentation and leading ad hoc meetings.

Lavner Education

Information Technology Intern

Denver, CO

Jun 2023 – Aug 2023

- Installed and configured software applications on clients devices to enhance learning experiences for students.
- Delivered technical support and troubleshooting assistance to students, promptly addressing on-site software-related issues and minimizing downtime with no outage longer than 30 minutes.
- Mentored 10 students on coding languages such as Python and Java, imparting fundamental programming concepts and fostering proficiency in software development resulting in competence with skills like object-orienting programming.
- Facilitated the learning of web development to students, equipping students with the ability to develop an efficient functioning web application.

PROJECTS

One Take A Day (Social Media Website)

[Github](#)

JavaScript, ReactJS, Node.js, Express.js, PostgreSQL, Tailwind CSS, Render

- Web application allowing registered users to post sports opinions with like/comment, follow, and hashtag functionality.
- Developed a REST API using appropriate HTTP methods to handle data interactions between the frontend and backend.
- Utilized JWT libraries and frameworks to integrate token-based authentication into API endpoints and web-routes.
- Designed and implemented relational database models using PostgreSQL.
- Developed an aesthetically pleasing and efficient user interface by leveraging ReactJS and Tailwind CSS.
- Leveraged Render's platform to deploy the frontend, backend, and database infrastructure.

Mini Git Clone

[Github](#)

C++, GoogleTest

- Developed and tested a mini version of Git, leveraging various data structures to enable efficient version control.
- Created a commit feature that automatically copies from a linked list and stores newly created or modified staged files in the Git directory, preserving their version number for effective version control.
- Leveraged hash tables to create an efficient search method for commit messages using a single keyword.
- Developed a checkout feature that searches a doubly linked list storing the commits and replaces the current directory with the specific commit selected by the user.
- Employed Google Test framework to create comprehensive test cases for the hash table implementation.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C++, Java, SQL (PostgreSQL), NoSQL (MongoDB), HTML, CSS

Libraries/Frameworks: ReactJS, Express.js, Node.js, Tailwind CSS, OpenAPI

Developer Tools: Git, Visual Studio Code, SwaggerHub