

# Seid Cubro

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## Summary

Cloud Computing and Computer Science student with hands-on experience building software, data workflows, and cloud-based systems across analytics, automation, and web development projects. Strong foundation in Python, JavaScript, SQL, Linux environments, and cloud infrastructure concepts with practical experience developing full-stack applications, machine learning workflows, and technical solutions that improve efficiency and reliability. Skilled at translating technical problems into structured solutions, collaborating across teams, and delivering clear technical documentation. Seeking opportunities to apply software engineering, cloud computing, data analytics, and automation skills in real-world environments.

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## Projects & GitHub

**GitHub Repository:** [github.com/seidcubro](https://github.com/seidcubro)

**Technical Portfolio (Live):** <https://seidcubro.vercel.app>

### Machine Learning Player Prop Analysis Platform (In Development)

- Designing and developing a full-stack machine learning platform to analyze NFL player prop performance using real-world statistical data.
- Building data pipelines for ingestion, cleaning, feature engineering, and model training using Python and SQL-based workflows.
- Implementing machine learning models to generate projections and compare baseline vs. model-driven predictions.
- Developing backend APIs and integrating structured datasets for scalable analysis and reporting.
- Creating dashboards and frontend components to visualize projections, historical trends, and model outputs.
- Applying automation, containerization, and data engineering practices to streamline data updates and analysis workflows.

### Cloud Computing Practicum

- Built and executed applications using Python and Java with focus on structured data handling, system reliability, and automation.
- Deployed and tested applications in Linux-based and virtualized environments.
- Worked with REST-style APIs and system interfaces to retrieve and manage data.
- Produced detailed technical documentation for implementation, execution, and troubleshooting.

### React-Based Technical Portfolio

- Designed and deployed a React-based web application to present technical projects and analytics-focused work.
- Implemented component-based architecture, responsive UI design, and routing.
- Maintained version control using Git and organized technical documentation.

### Data Science & Analytics Coursework

- Developed Python workflows using pandas and numpy for data cleaning, transformation, and exploratory analysis.
- Applied statistical reasoning to identify trends and support data-driven insights.
- Worked with structured datasets and SQL querying concepts.
- Created data visualizations to communicate findings clearly and effectively.
- Documented methodology, assumptions, and conclusions in formal analytical reports.

### Networking & Systems Labs

- Completed hands-on labs covering system communication, networking protocols, and technical infrastructure fundamentals.
  - Analyzed data flow and system performance within distributed environments.
  - Documented configurations, findings, and technical trade-offs.
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## **Technical Skills**

### **Cloud & Tools**

- Git / GitHub version control
- RESTful API concepts
- AWS fundamentals (EC2, S3, Lambda concepts, cloud architecture basics)
- Docker (containerization fundamentals)
- Kubernetes concepts (orchestration and deployment basics)
- SQL & relational databases (PostgreSQL, MySQL concepts)
- NoSQL databases (MongoDB, DynamoDB)
- Linux-based cloud environments
- CI/CD and deployment workflow concepts
- Microsoft Excel (analysis, reporting, pivot tables)
- Technical documentation and reporting standards

### **Data & Analysis**

- Data cleaning, transformation, and validation
- Exploratory data analysis
- Statistical reasoning
- Data visualization (matplotlib, Excel-based reporting)
- Metrics tracking and reporting
- Structured dataset management

### **Programming & Software Engineering**

- Python (automation scripting, data analysis, backend workflows)
- JavaScript (React, frontend logic)
- Java (object-oriented programming)
- C / C++ (systems fundamentals)
- SQL fundamentals
- Debugging and analytical problem-solving
- Data structures and software engineering fundamentals

### **Program & Operations Skills**

- Cross-functional collaboration
- Project coordination and prioritization
- Attention to detail and accuracy
- Clear written and verbal communication
- Adaptability in fast-paced environments
- Problem-solving and independent execution

### **Cybersecurity & IT Fundamentals**

- Basic understanding of cybersecurity concepts and frameworks
- Exposure to monitoring and incident response concepts
- IT asset management and provisioning awareness
- System access and security best practices

### **Systems & Infrastructure**

- Linux command-line environments
  - Cloud and virtualized systems fundamentals
  - Networking basics (protocols, connectivity, communication)
  - System reliability and workflow management
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## Experience

### Package Handler

FedEx Ground • Pittston, PA

03/2022 - Present

- Maintained operational accuracy in a high-volume logistics environment.
- Followed structured workflows and performance metrics.
- Collaborated with team members to ensure efficiency and timely execution.
- Demonstrated reliability and consistency under time-sensitive conditions.

### Package Handler Trainer

FedEx Ground • Pittston, PA

08/2024 - 08/2025

- Trained new employees on standardized procedures and operational best practices.
- Provided real-time troubleshooting and performance feedback.
- Supported workflow efficiency, process consistency, and team coordination.

### Restaurant Host

Tipsy Turtle • Avoca, PA

06/2021 - 09/2021

- Managed customer flow and coordinated operations during peak hours.
  - Handled transaction processing and supported team communication.
  - Maintained organization and service efficiency.
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## Education

### B.S. Cloud Computing with a Minor in Data Science

Wilkes University • Wilkes-Barre, PA

12/2026

Relevant coursework includes:

Operating Systems, Web Development, Networking & Security, Databases, Software Development & OOP, IT Systems Management

### GED

Pittston Area Senior High School • Yatesville, PA

06/2022

- Gifted education program
  - Math Club, Science Olympiad (physics & astronomy)
  - Varsity soccer
  - Student Government: Sophomore Class Secretary, Junior Class President
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## Languages

English, Spanish, Romanian, Bosnian

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## **Clearance/Citizenship**

U.S. Citizen; eligible to obtain a Secret security clearance