Rick Gosalvez

Product Manager / Data Analyst | rickgosalvez@gmail.com | 408.489.9553 | linkedin.com/in/rickgosalvez

Innovative, team-oriented, critical thinking Geospatial Data Product Manager with significant experience in data collection, analysis, interpretation, and concise visual reporting techniques for rapid decision making. Track record of leveraging market and financial analysis to define, design, develop, and deliver purpose-built cloud solutions that affect project approvals. Deep domain in geospatial, land-use, and real estate markets. Bilingual in English and Spanish.

TECHNICAL SKILLS

Data Management	Data Collection, Database Design & Management, Data Quality Assessment, Data Analysis, Pattern & Trend Identification, Visualization of Data Insights, Spatial Data Analysis, Workflow Training
Computer Science	Statistical Analysis, ArcGIS, QGIS, Trouble Shooting, Python, Tableau, Chart.js, AWS, SQL, JSON JavaScript, HTML5, CSS3, Advanced Microsoft Excel Functions, Adobe XD Prototype Design
Research	Business Requirements, Data Science Research Methods, Data Mining, Survey Creation, Focus Groups
Leadership	Project Management, Business Intelligence, and Executive Presentations, Event Planning, Budgets

EXPERIENCE

Product Manager, Real Estate Digital Products, Coda Compliance, Feb 2017 - Present

- Research, organize, and coordinate data collection, management, and analytics for city permit history (1.25M+ parcels), using AWS and Python to automate collection, monitor data, and update datasets.
- Gather business requirements and collaborate with clients to analyze, prioritize, create, and communicate technical work packages, leading engineers to develop regulatory and risk solutions rapidly and 15% under budget.
- Build relationships with city planning departments to create a geospatial and NoSQL data strategy and supporting product roadmap to ensure authoritative data accuracy for 30 common permit processes and 3,500 municipal codes.
- Develop technical requirements of AWS backend infrastructure and cloud SQL database for Java API data exchange with frontend web applications and dashboards, results demonstrate customer projects finishing 3 weeks ahead of schedule.
- Analyze and model city permit and entitlement processes to outline, plan, and ensure data collection and integrity for 3 map products. Collaborate with engineering to integrate models for on-demand project schedules and permit tracking.
- Define and report project metrics and KPIs through bi-weekly team meetings and dashboards to mitigate scope creep of deliverables. Lead daily sprints for Git issue review and creation to ensure on time and under budget execution of projects.

Geospatial Portfolio Manager, Local Government, Trimble Navigation, Oct 2011 - Jan 2017

- Created a go-to-market strategy and product messaging, based on geography and channel capacities, to grow strategic partner coverage in North America, Europe, and South Africa from less than 1% of global population to 21% in 3 years.
- Conducted competitive analysis, modeled workflows, and created roadmaps to localize SaaS GIS solutions for the North American, European, and South African markets. Grew key accounts from 18 to 73 in 3 years through data analysis.
- Saved St. Charles Parish $230K using a $20K cloud-based GIS feedback and issue management map application. Cut issue processing time by 60%; project paid for itself in 1 month. Project recognized with a 2016 NACO Award.
- Led cross functional team of 18 engineers, sales, and marketing experts; grew portfolio by 28% CAGR in 5 years.

EDUCATION

M.S., Data Analytics, *Summa Cum Laude*	**M.S., Urban Planning,** *Summa Cum Laude*	**B.S., Business,** *Magna Cum Laude*
San Jose State University, *Expected Dec 2022*	San Jose State University, *May 2010*	Boston University, *Dec 2000*

PROJECTS

- 16 recent geospatial SaaS data analytics projects - portfolio link: **www.rickgosalvez.me**