

Bradley Schoeneweis

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EXPERIENCE

Energy Domain, 5M's Technologies

Jun. 2020 – Present

Lead Software Developer

Fort Worth, TX

- Building the UI, internal API layer, data models, and system architecture for a new, pre-market GIS mapping and analysis platform from scratch
- Implemented custom workflows with third-party API integrations on the platform including Stripe, Escrow.com, QuickBooks, MicroBilt, DocuSign, Copper CRM, ArcGIS Online, and Slack
- Constructed an ETL pipeline for the base import and daily batch updating of a 300MM+ row dataset that powers geospatial and historical data analysis for multiple customer-facing web applications
- Collaborating asynchronously with a distributed development team in India, business stakeholders, and customers to drive development priorities of existing products and new product lines
- Refined the manual deployment process of application code and AWS lambda functions to IaC for stability

Energy Domain, 5M's Technologies

Nov. 2019 – Jun. 2020

Software Developer, Intern

Fort Worth, TX

- Developed a UI component that enables users to import files with dynamic formatting to a fixed schema speeding up the listing creation process, reducing operational burden, and saving thousands of dollars of data scraping outsourcing costs
- Designed the data models and API layer for asset revenue data, which is critical for users to be able to tie their assets to core application functionality like data visualization and analysis, GIS mapping, and geospatial analysis
- Wrote the company coding style guide, the developer ramp-up and onboarding roadmap, and diagrammed and explained all critical systems and workflows within the application, and deployed these guides to an internal documentation site
- Increased the monitorability of production system by adding system-wide logging with CloudWatch and Sentry empowering developers to more quickly identify and debug issues

MineralWare, 5M's Technologies

Jan. 2019 – Nov. 2019

Software Developer, Intern

Fort Worth, TX

- Created and automated a fuzzy-string matching algorithm that sped up a necessary business procedure by ~20,000%
- Worked directly with customers and business stakeholders to redesign, implement, and maintain various feature-rich web application pages for production systems
- Wrote the automated functional and unit testing suites for the entire application enabling a CI-pipeline

ThreatX

May 2018 – Aug. 2018

Software Developer, Intern

Louisville, CO

- Developed multiple features for production systems across several core-services (API layer, API Gateway, CLI), including complex input verification of SSL Certs and CIDR Blocks
- Created a scanner that traverses all databases and collections in a MongoDB instance to report the conformance of all the documents to a set of 40+ defined models
- Added unit tests to take the API server from 0% test coverage to 100% test coverage

SKILLS

- **Languages:** Python, JavaScript, TypeScript, C#, Rust
- **Databases:** PostgreSQL, DynamoDB, MongoDB, MariaDB/MySQL
- **Frameworks/Tools:** Django, jQuery, React, Next.js, .NET Core, FastAPI, Docker
- **AWS Services:** Lambda, S3, RDS, EC2, ELB, ECS, VPC, CloudWatch, Amplify, Route 53
- **Competencies:** Backend Engineering, Full Stack Engineering, Data Engineering, API Development/Integration

EDUCATION

Texas Christian University

Aug. 2016 – May 2020

BS, Computer Science; Minor, Mathematics; Magna Cum Laude

Fort Worth, TX