AARON SCIROCCO

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JOB EXPERIENCE

Senior Software Engineer   **Aug/2023 – Present**
Ensemble Health Partners - Remote
- Developed federated GraphQL API with Typescript to enable multiple teams to work concurrently on projects and increase developer efficiency by 40%
- Created in house CosmosDB query builder library which enables developers to increase velocity by 20%
- Implemented a CosmosDB integration to in house Python Apache Spark library which enabled data teams to standardize their pipelines and reduced maintenance overhead
- Ran training sessions for GraphQL, CosmosDB, and architecture of critical systems for multiple teams across multiple orgs

Senior Software Developer   **Feb/2020 – Aug/2023**
Lumifi - Remote
- Developing a GraphQL API with Typescript and PostgreSQL, to drive customer portal interactions and projected to reduce infrastructure cost by up to 85%
- Spearheaded the refactoring of 10+ services to utilize message queues to increase availability and scalability of the system without increasing infrastructure cost
- Implemented search capabilities to GraphQL API using Node.js Elasticsearch SDK to reduce excess scrolling and clicking which resulted in a 70% reduction on time spent on an action by users
- Orchestrated a critical migration of CI/CD pipelines from Azure Devops to Github Actions, achieving an 80% decrease in deployment times and facilitating automated release notes based on commits
- Initiated and managed the onboarding of new developers and mentored them in order to expedite the ramp up experience

Software Developer   **July/2018 – Feb/2020**
Industrial Design Solutions - Phoenix AZ
- Developed and maintained Windows applications for control system metadata collection, interfacing with enterprise software and hardware to reduce data retrieval time from minutes to under 15 seconds using C#, Visual Basic.
- Communicated directly with users of our enterprise software products to foster a tighter feedback loop and better customer experience
- Maintained and implemented features for a Windows service that detects changes made by engineers in the control system environment to automate naming, logic, and comments
- Leveraged AutoHotkey to automate GUI workflows, allowing data extraction where API access was unavailable, and cutting completion time from 3 minutes to under 45 seconds

SKILLS

Programming Languages: JavaScript, TypeScript, Node.js, Python, C#, VB.
Cloud Services: Azure Service Bus, Azure CosmosDB, Databricks
Technologies: GraphQL, Apollo, Docker, Git, Github Actions, ElasticSearch, Linux, Apache Spark.

EDUCATION

Grand Canyon University – Phoenix, AZ   **Apr/2018**
Major: *Computer Science*