

James Shockley

Software Engineer

SUMMARY

Creative, detail-oriented, software engineer with a deep interest in data engineering. Proven track record of creating and implementing successful front and back end web applications. Looking to bring my skills to a tech company with global reach.

WORK EXPERIENCE

Software Engineer at BOSCH, Anderson SC

November 2019 — Present

- Designed, developed & operated data pipelines to enable AI-powered self-adjusting machines to optimize to the current production environment
- Democratized data availability to drive insights for engineering & operations by parsing and consolidating unstructured data into data warehouse
- Modernized components of the data infrastructure by introducing and integrating Kafka for stream data processing and event-driven use cases
- Interfaced with upstream big-data systems to prepare large data sets for historical analysis using either on-premise technologies like Hadoop, Spark, and Impala, or cloud technologies like Azure Databricks

Software Engineer at 100devs, Greenville SC

Jan 2022 — Present

- Collaborated with a team of developers to build modern and responsive web applications using best practices
- Built semantically structured full stack web applications
- Applied agile methodologies like SCRUM for project management

Software Engineer, Freelance

August 2022 — Present

- Understand and translate customer wishes to technical requirements and a final product, while managing expectations, complexity, budget, and timelines
- Keep key stakeholders informed of project milestones, with regular but succinct communication
- Collaborate efficiently with other freelance entities as necessary, such as for design and specific technical subcontracting

Recent Projects:

MovieSquad (Fullstack Web App) – moviesquad.net

Application served over the web to facilitate watch parties and movie nights. MovieSquad allows users to share watchlists between multiple other users, recommending the intersection of mutually weighted by votes of individuals in the watch party as well as other unwatched, related movies.

CONTACT

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SKILLS

HTML

CSS

Javascript

React

React Native

Node

Python

ORM + SQL

MongoDB

PostgreSQL

SQL Server

Oracle

OOP

Web Accessibility

EDUCATION

College of Charleston

2012 - 2016

Major: Computer Science