

GREGORY KING

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SUMMARY

Highly motivated and results-oriented Full-Stack Software Engineer adept at building, testing, and deploying robust web applications with a focus on efficiency and scalability. Proficient in React for crafting intuitive UIs, Node.js with TypeScript and PostgreSQL, MongoDB and GraphQL for building performant back-ends, and Docker and AWS Cloud for seamless infrastructure management. Proven ability to deliver projects on time and within budget, leveraging microservices architecture with Kafka to streamline data pipelines and optimize workflow for enhanced user experience. Eager to leverage my technical expertise and collaborative spirit to tackle challenging projects and drive impactful results.

SKILLS

- JavaScript/TypeScript
- Node.js
- React
- GraphQL
- Python
- Docker
- Apache Kafka
- AWS
- PostgreSQL
- SQL Server
- NoSQL/MongoDB
- HTML & CSS
- Git, GitHub & Bitbucket
- Microsoft Power BI
- Microsoft Excel

PROFESSIONAL EXPERIENCE

Software Engineer at PerformYard – Arlington, VA (Remote)

2024 – Present

- Architected and implemented high-performance, customer-facing features for an employee performance SaaS platform, enhancing user experience and driving adoption
- Engineered an efficient data loading pattern using TanStack Query and React Router, significantly improving application responsiveness and reducing load times
- Developed secure REST APIs using Node.js and Fastify, optimizing MongoDB data retrieval for complex user interactions
- Designed and built cross-platform HRIS integrations leveraging AWS Lambda, enabling seamless data synchronization and improving system interoperability

Software Engineer II at XSOLIS – Nashville, TN (Remote)

2022 – 2024

- Built interactive healthcare app features using JavaScript and React, fostering user engagement and satisfaction
- Developed secure and scalable REST APIs with Node.js, TypeScript, and Express.js, ensuring data security and access control to queries performed using GraphQL, PostgreSQL, and SQL Server
- Implemented microservices architecture with Apache Kafka and Docker, contributing to agile deployment and enhanced maintainability
- Assisted in deploying containerized services using AWS cloud infrastructure, optimizing resource utilization

Management Reporting Analyst II at XSOLIS – Nashville, TN (Remote)

2021 – 2022

- Streamlined data collection across departments, ingesting data into Power BI and Excel for efficient analysis
- Developed & presented impactful management dashboards with data visualizations, aiding strategic decision-making
- Delivered monthly performance presentations to upper management, fostering data-driven insights and accountability
- Automated data processing & reporting using Python scripts, increasing efficiency, and reducing manual work

Software Engineer at Arbitrator Intelligence – State College, PA (Remote)

2020 – 2021

- Architected and developed a full-stack web application using JavaScript, TypeScript, React, Node.js, Next.js, and PostgreSQL, empowering marketing outreach, client management, and SaaS-based products
- Implemented advanced search and filtering functionalities, aiding arbitrator discovery for customer success
- Built interactive arbitrator reports with data visualizations using Python (Pandas, NumPy, Matplotlib), boosting user engagement and insights
- Designed the PostgreSQL database infrastructure, ensuring data integrity and scalability for the rapidly growing startup

EDUCATION

Master of International Affairs in Economics

The Pennsylvania State University, University Park, PA – 2018–2020

Graduate Certificate in Applied Statistics

The Pennsylvania State University, University Park, PA – 2018–2020