Shreyal Anand

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Summary

Result-oriented Software Engineer with three years of experience in developing and implementing innovative software solutions. Skilled in full-stack development, agile methodologies, and problem-solving. Strong background in Docker, AWS, Golang, Python, and SQL. Proven ability to collaborate with cross-functional teams and deliver high-quality projects within tight deadlines. Committed to continuous learning, with excellent communication and interpersonal skills.

Education

2021 – 2022 **Master of Science in Computer Science**, *Colorado Technical University*, Denver, CO
Selected Coursework: Modern Operating Systems, Computer Systems Security Foundations, Design and Analysis of Algorithms, Database Systems, Systems Engineering Methods, Network Security, Data Management, Real-Time Systems

2016 – 2020 **Bachelor of Science in Information Systems**, *University of Washington*, Seattle, WA
Selected Coursework: Data Science, Data Structures, Computer Architecture, OOP, Machine Learning, Web Development, Operating Systems, Algorithms, System Design, Networking.

Technical Skills

Languages	Python, C, C++, JavaScript, Java, Go, R, SQL
Libraries	Pandas, NumPy, PyTorch, Matplotlib
Web Tech.	ReactJS, VueJS, HTML5, CSS3, jQuery, JSON, Node.js, TypeScript, Postman, Jest
Deployment Tools	Docker, AWS (Lambda, S3, EC2, CloudWatch, SQS, SNS), GraphQL, RESTful Services, Git, Jenkins, Artifactory, PagerDuty, New Relic
Databases	MySQL, Oracle DB, MongoDB, DynamoDB, Apache Kafka, Snowflake, PySpark

Professional Experience

Aug 2024 – Present **Software Engineer**, *Amazon*, Phoenix, AZ

- Led simplification of backend workflows as part of the ORCA migration by integrating key APIs, transitioning graphs from HERD XML to PDL, and relaxing service dependencies—resulting in a **30% reduction in failures** and improved latency.

- Built event-driven logic for task execution and automated dock door resource management, **reducing manual effort by 40% and increasing logistics accuracy by 50%**, enabling better scalability across fulfillment sites.

- Improved cross-team system integration by implementing reliable work status synchronization, reducing workflow inconsistencies.

- Developed engineering dashboards to monitor workflow performance and service utilization, enabling faster diagnostics and improved visibility.

- Led creation of executive-level dashboards consolidating **65+ event metrics and business KPIs**, supporting leadership monitoring during peak seasons (2024 Q4 & 2025 Q2).

Aug 2022 –   **Full Stack Software Developer**, *Unity Technologies*, San Francisco, CA
Aug 2024

- Developed end-to-end ReactJS UI to migrate Unity Ads users' projects to Ironsource Levelplay network post-acquisition.

- Designed and implemented robust GraphQL and RESTful APIs; managed data storage with MongoDB and SQL/NoSQL databases.

- Built and maintained CI/CD pipelines using Jenkins, improving integration and deployment efficiency.

- Conducted code reviews and mentored junior developers to maintain high code quality.

Jun 2020 –   **Software Engineer**, *SAP Concur*, Bellevue, WA
Feb 2021

- Developed a GraphQL service using Node.js to provide a unified interface for reliability data retrieval.

- Created CLI tools for package deployment in Artifactory and wrote unit tests in Go.

- Designed interactive UIs for background server queries, enhancing user experience and flexibility.