

Professional Summary

Google Certified Engineer, competent in coding, testing, deploying, scaling and automation of microservices in distributed systems. A seasoned software developer with 6 years of experience and a proven track record of delivering impactful solutions across various industries. Accomplished in leading, planning, standardizing, developing and delivering serverless, distributed, secure and scalable **backend+cloud solutions**. Fast and enthusiastic learner, always open to exploring new technologies. Can quickly adapt to change and sees technology as a tool, not a destination. Highly curious and motivated by a desire for global exposure and the chance to contribute to ground-breaking projects.

Work Experience

- **Quiet Platforms, Remote** [Lead SDE] Dec 2022 - *
 - Led distributed system's microservice standards overhaul, developing protocols and scripts for Modularity, Testing, Deployment, Formatting and Linting.
 - Implemented ETL pipelines via GCP Composer Airflow, GCP Dataflow and GCP Vertex AI empowering data ingestion from diverse sources like Snowflake into Google Cloud Bigquery.
 - Designed and coded multiple microservices from scratch using Python, Fastapi and GCP Datastore, adhering to self improved organizational API standards.
 - New standards reduced API call timing **from over a second to under 200 ms**.
 - Transformed single tenant GCP infrastructure for multi-tenancy, enabling the organization to seamlessly onboard new tenants on the distributed infrastructure.
 - **Onboarded 7 New Tenants on the same infra with under 20 mins effort/tenant**, bringing in **\$210K worth of revenue**.
 - Integrated Datadog Monitoring throughout service and dataflow pipeline stack, enhancing performance metrics.
 - Streamlined infrastructure creation with templated Terraform scripts.
 - Fine-tuned CI/CD scripts to automate the development and deployment cycle.
- **Fabric, Remote** [SDE II] Mar 2022 - Sep 2022
 - Crafted, deployed, scaled, and automated a robust **Platform as a Service** (PaaS) solution, serving as both an API aggregator and a Backend for Frontend (BFF) system for distributed api clients.
 - Orchestrated APIs management, supporting both GraphQL and REST, whilst leveraging an extensive tech stack that included Linux, Java with Micronaut framework, AWS, Datadog and DynamoDB.
 - **Automated deployment** and scaling through AWS, GitLab CI/CD, Terraform and Docker.
- **Shiprocket, Remote** [SDE II] Feb 2021 - Feb 2022
 - Developed a robust SAML and JWT Authentication and Authorization Microservice from scratch, integral for organization-wide security enhancements and streamlined access controls.
 - Contributed significantly to the migration from a **Monolithic Architecture** (in PHP) to a **Microservice Architecture** (in Golang) in a distributed environment, enhancing scalability and accelerating product development.
- **Samsung, Noida** [SDE] Jun 2018 - Jan 2021
 - Worked as an Android Developer in Samsung's Android Gallery App.
 - Integrated Samsung Api's into the app flow.

Live Projects

- **Open Source Serverless, Stateful and Secured Microservice deployed on GCP for less than \$1/Month:**
 - Documentation and Code: <https://medium.com/p/e9d63b022465>
 - Live Link: <https://bit.ly/3TwkMJz>
 - Built on top of GCP. Cloud Services: Cloud Run, Endpoints and Datastore.
- **Personal Portfolio on AWS:** <https://www.shubham-arora.com>
 - Serverless website hosted on AWS, secured with SSL encryption. Responsive for both desktop and mobile. Frontend: HTML, CSS, and JavaScript. Cloud Services: CloudFront, Route 53, Certificate Manager, S3, API Gateway, Lambda, and SES.



Shubham Arora

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Experience

6 Years

Online Portfolio

- 🌐 shubham-arora.com
- in linkedin.com/in/warkahot
- 🔗 github.com/shubham-arora-18
- 🗣️ shubham-arora.medium.com
- 📄 stackoverflow.com/users/6214197
- ✂️ twitter.com/warkahot

Education

B.Tech CSE NIT Jalandhar 2018

Certifications

Google Cloud Associate Cloud Engineer

🔗 google.accreditable.com/60a65

Key Competencies

Software Development
Backend Development
Cloud Development
Dev-Ops

Tech Skills

• GCP • AWS • Python • Java • Golang
• NodeJS • PHP • Docker • Terraform
• SQL-DB • NoSQL-DB • DynamoDB
• CI/CD • Unix • REST-API • GraphQL
• Bigquery • Airflow • Dataflow
• VertexAI • Snowflake • Datadog
• Fastapi • SpringBoot • Micronaut
• Buffalo • Laravel • Kafka • ELK
• RabbitMQ • HTML • CSS • Javascript
• MySQL • Datastore • Unit-Testing
• Microservices • Distributed Systems

Top 5 Strengths

• Leadership
• Ownership
• Building from scratch
• Setting up standards
• Delivering on time

Soft Skills

• High Curiosity
• Problem-Solving
• Checkpoints Oriented Planning
• Effective Communication
• Attention to Details
• Customer Focus
• Quick Adapting
• Team Player

Thank you for your time!