

Shahid Khan

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Location: Seattle, WA (Open for relocation)

PROGRAMMING SKILLS

- **Languages and Databases:** Python, JavaScript(ES6), TypeScript, Node.js, Java, MySQL, PostgreSQL, MongoDB, NoSQL, .NET, Redis, Kafka, PubSub, HTML, CSS, Ruby, Visual Basic.
- **Frameworks:** Angular, React, Pandas, Django, Express, D3.js, Spring, Spring boot, Maven, Hibernate, Charts.js, Fastify, TypeORM.
- **Cloud:** Google Cloud Platform(GCP) [Cloud run, Cloud function, App Engine, Cloud Storage, Firebase, BigQuery], Amazon Web Service(AWS) [EC2, S3, Lambda, RDS, Glue, ECS, DynamoDB], Heroku
- **Tools and more:** Docker, Kubernetes, GraphQL, Firebase, Apache Kafka, Git, GitHub, BitBucket, Postman, PGAdmin, Dbeaver, JIRA, Jenkins, Cloud run microservices, JSON, XML, HubSpot, REST/RESTful, Atlassian, CI/CD.
- **Skills:** Proficient in Backend development, Algorithm Design and debugging, Experience working in Agile Environment, Proficient in Caching Techniques, Understanding of end-to-end development and Distributed System, Experience working with SQL based database technologies, Understanding of Content Management Systems, Experience working with Linux and Unix, Increased emphasize on greater code-coverage, Proficient in Object-Oriented Programming, Experience working with web services and Model-View-controller (MVC) architecture, Understanding of software development life cycle and design patterns.

PROFESSIONAL EXPERIENCE

5 YEARS

- **Browserstack** May 2023 - Aug 2023
Software Engineer
 - **Percy:** Part of team Percy , Percy helps teams automate, create and maintain visual regression testing for web and mobile applications, ensuring that visual changes are detected and tracked accurately. Percy supports 50+ vendors integrations.
 - **Percy CLI:** Enhanced support for Percy CLI using node.js to increase support image formats, adding 5+ image formats. Identified and fixed errors from the older versions of Percy library integration like Python, Angular, Selenium, etc.
- **Quantiphi Analytics** May 2021 - Apr 2023
Senior Software Developer
 - **Backend Services:** Spearheaded the development and architecture of robust backend services for the byzzer.ai platform, leveraging technologies such as node.js, express.js, GCP Cloud Functions, and Cloud Run services. Utilized Google PubSub Service to ensure seamless message delivery across multiple microservices, optimizing system efficiency and scalability. Decreasing the compute cost by 40% along with faster processing time.
 - **Chatbot Integration:** Orchestrated the successful integration of Intercom Chatbot, designing and implementing multiple chat flows to enhance user experience; reduced customer support response time by 50% and increased customer satisfaction by 35%
 - **Organizational tasks:** Helped Quantiphi hire new grads for software developer and business analyst roles. Conducted 30+ interviews and outlined detailed individual feedbacks. Performed Code review for front end & back end pull requests, prepared documentations and optimized existing SQL queries.
- **Infosys Ltd** Oct 2018 - May 2021
Senior Systems Engineer
 - **Infosys Enterprise Gamification Platform:** Migrated backend infrastructure of Infosys Enterprise Gamification Platform from Dotnet framework to Node.js and Express framework, enhancing scalability and saving 60% in licensing cost. Implemented Apache Kafka message stream for getting real-time platform interaction metrics like watch time, logins and more.
 - **Truist Bank:** Produced scripts to run automated health checks of multiple internal applications using Python selenium. Created admin dashboard using Angular 7 and node.js.

EDUCATION

- **City University of Seattle** Seattle, WA
Master of Science in Computer Science
- **Savitribai Phule Pune University** Pune, India
Bachelor of Engineering in Computer Engineering
- **Relevant Courses:** Software Engineering, Computer Engineering, Computer Architecture, Object Oriented Methodology, Operating Systems, Data Structures and Algorithms, Artificial Intelligence for Data Science, Data Analytics, Machine Learning & Deep Learning, Full Stack Development, Cloud Computing.

PROJECTS

- **Image Stitching using OpenCV:** A Solution to stitch multiple images together, creating a panorama of stitched images.
- **Yelp business review:** A solution to visualize Yelp data using AWS tools like S3, Athena, Glue etc., and find insights in real-time.
- **COVTracker:** Created a Dashboard to monitor COVID-19 cases in the USA. Languages/Technologies used: Angular 7, D3.js, SCSS.
- **Expo File Manager:** A File manager created using React native, typescript, and Expo for Android and iOS.
- **Rapid Share:** Created a file-sharing application that shares files over the same network using Ruby on Rails.

CERTIFICATIONS AND ACHIEVEMENTS

- **AWS:** Solution Architect Associate
- **Google:** Associate Cloud Engineer
- **Javascript Basic:** HackerRank
- **API Designer:** API Academy
- **Centurylink:** Special Mention for Outstanding Contribution towards IEGP Engagement