Seattle, WA, 98102
LinkedIn

Bhargav Jhaveri

919-348-9390
bhargavjhaveri@gmail.com

Technical Skills

- **Programming Languages:** Java, Ruby (Ruby on Rails), Python
- **Cloud Platforms & Tools:** AWS (API Gateway, Lambda, EC2, Kinesis, RDS, S3), Apache Flink
- **Databases & Storage:** SQL, DynamoDB, Redis, Snowflake, AWS RDS, AWS S3
- **Monitoring & Observability Tools:** Datadog, Sentry, Amplitude, Statsig, AWS CloudWatch
- **Core Competencies:** Distributed Systems, Microservices, Event-Driven Architecture, RESTful API design

Work Experience

Senior Software Engineer, Lime, Seattle, WA Oct 2021 - Present

- Designed and implemented robust APIs for MDS and CDS integration, ensuring seamless data sharing with city authorities for regulatory compliance. Collaborated with cross-functional teams to build a data ingestion pipeline using AWS Kinesis, Apache Flink, Redis, and Snowflake for real-time processing, storage, and reporting. This integration helped get a fleet increase of 25% and 20% more parking pins & 60MM USD annual increase in revenue
- Designed and implemented a unified Pin architecture combining Parking and Deployment Pins, reducing pin management duplication by 60% and improving system maintainability without operational regression.
- Led the initiative to making pins in restricted zones, zone aware by collaborating with PMs, Local Ops, and engineering teams, reducing trips ending in restricted zones by 40%, improving rider retention by 25%, cutting 1-star ratings by 20%, and saving $1M annually in operational costs
- Designed public APIs with 99.9% availability, enabling Uber and other MaaS partners to book Lime trips and integrating Lime bike visibility on Google Maps with deep links to the Lime app
- Mentored engineers across levels (L3 to L5), onboarding new hires, supporting skill transitions to back-end systems, and guiding a junior engineer to promotion.

Software Development Engineer II, Amazon Web Services (AWS AI), Seattle, WA July 2019 - Oct 2021

- Designed and developed customer facing public APIs for SlotType and BotAlias as essential components of the bot. For persistent data storage AWS DynamoDB was used and code was designed to run within AWS Lambda which was fronted by Amazon API Gateway.
- Optimized server fleet compliance process by automating monthly AMI and patch updates using CloudFormation and Auto Scaling groups. Configured hooks to trigger rolling terminations, ensuring each host notified the CloudFormation agent upon startup, enabling seamless updates without manual intervention. Reduced active developer effort from 3 days to 0.5 days, significantly improving developer productivity.
- Designed and developed integration and canary test suite to identify potential service code issues before production deployment. Integration tests provided granular validation, while canaries monitored system health by querying public-facing APIs. Leveraged AWS Lambda for runtime requests via AWS SDK and configured CloudWatch alarms to detect anomalies and trigger alerts for timely investigation.

Software Developer, Dolphin Pharmacy, Inc., Oakland, CA July 2017- June 2019

- Developed the software solution to allow drug dispense from the robot. This software solution removes the human error and improves the system performance 200% when compared with human drug filling.
- Designed software architecture and programmed for automating drug dispensing, sealing and verification process. This flow improved the overall system confidence because of the automation and verification.

Education

Master of Computer Science GPA: 3.87/4.0
North Carolina State University, Raleigh, NC May 2017