

# Shafiu Islam

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## Senior/Staff SDE - L6

Senior software engineer with 8+ years of experience, the last 5 at Amazon leading financially critical systems at global scale — billions in licensed asset value, billions in payment risk, and journal entries that feed directly into Amazon's financial and earnings reports. I don't wait to be assigned hard problems: I've driven cross-org payment pipelines from blank page to production, caught security vulnerabilities the external red team missed, and turned a broken inherited system into a 30× performance improvement — none of it asked for. Rated "Exceeds High Bar" (top <10% of engineers), 2× Customer Obsession Award winner, certified interviewer, and active mentor on the L6 promotion track. I'm looking for a Staff Engineer or Senior SDE role where I can own systems that matter, influence across teams, and raise the bar.

## WORK EXPERIENCE

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### Amazon

London, United Kingdom • 03/2021 - Present

#### Software Development Engineer II

- Led the design and delivery of an amortisation cap enforcement system — a VP-tracked initiative coordinated across Accounting, Contract Acquisition, and Product teams, with billions in licensed asset value now managed automatically and zero major incidents post-launch.
- Drove Prime Video's India SVOD payment pipeline end-to-end — no playbook, no precedent. Coordinated Legal, Finance, Accounting, and Prime Video Business across time zones; eliminated ~3,500 manual processing hours and brought billions in payment risk under systematic control.
- Designed and shipped the organisation's standard permission control system, enabling fine-grained client access management adopted across Prime Video FinSys.
- Built a **multi-tenancy system** for the core accounting system, enabling seamless onboarding of major product lines.
- 2× Customer Obsession Award winner (Q4 2024 + Q1 2025); rated Exceeds High Bar — Amazon's top performance tier, awarded to fewer than 10% of engineers.
- Developing a **scalable data warehouse**, improving data accessibility and reporting across teams.
- Recognized as a **top code reviewer and mentor**, upholding high coding standards and best practices.

### Tiger IT Bangladesh LTD

Dhaka, Bangladesh • 11/2020 - 02/2021

#### Software Engineer

- Led implementation of end-to-end encryption using the Signal Protocol for a desktop messaging application, owning the full security architecture from design to delivery.

### CodeMarshal

Dhaka, Bangladesh • 11/2019 - 11/2020

#### R&D Engineer (Machine Learning)

- Demonstrated resourcefulness by managing the complete ML pipeline: collecting raw data, creating training datasets through manual labeling, and implementing efficient model training on limited GPU resources
- Delivered production-ready performance without relying on paid APIs or pre-labeled datasets, showcasing ability to execute complex ML projects within strict budget constraints
- Built a National ID card type detector from scratch — 100% classification accuracy, 99.75% mean average precision — owning the entire ML pipeline: data collection, manual labelling, model training on limited GPU. Delivered production-ready results with no paid APIs or pre-labelled datasets.

### Samsung R&D Institute Bangladesh

Dhaka, Bangladesh • 11/2018 - 10/2019

#### Software Engineer

- Developed features for VeoSens, a B2B healthcare iOS application, navigating complex industry requirements and shipping as a core member of the delivery team.

## EDUCATION

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### Bachelor of Science in Computer Science and Engineering

Military Institute of Science and Technology

Dhaka, Bangladesh

## AWARDS & SCHOLARSHIPS

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### 8th Place

01/2018

ACM ICPC Dhaka Regional 2018

### 7th Place

01/2018

NCPC aka Hackathon by BSCCL at UITS 2018

## 9th Place

BUET IUPC 2018

01/2018

## 123rd Place

FaceBook HackerCup 2020 Qualification Round

### PROJECTS

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#### emes3ye

03/2026 - Present

See [emes3ye.com/products](https://emes3ye.com/products)

### VOLUNTEERING & LEADERSHIP

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#### Cross-org influence

Drove multi-org initiatives with no playbook, coordinating Legal, Finance, Accounting, Engineering across time zones.

#### Technical mentorship

Active mentor; certified Amazon (~60 hiring loops);

#### Stakeholder management

VP-level visibility on flagship projects; authored technical assessments that changed org direction.

### SKILLS

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- Algorithms
- Git
- Problem Solving
- SQL
- AWS
- JAVA
- Python
- System Design
- Data Structures
- PostgreSQL
- React
- TypeScript