

# Srejon Khan

Software Engineer • Computer Science & Engineering (Data Science Major)

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## SKILLS

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<b>Programming</b>	NodeJs, DotNet Standard, Python, C/C++, SQL.
<b>Server</b>	ExpressJS, Flask, Elastic Stack, RabbitMQ, BullMQ, Docker, Kubernetes.
<b>Database</b>	PostgreSQL, MySQL, NoSQL, Redis, KeyDB, Dragonfly, Firebase, MongoDB.
<b>Telemetry</b>	Open Telemetry, Prometheus, Grafana, Loki, Vector.
<b>Cloud</b>	CPanel, CloudPanel, DigitalOcean, Bunny, Cloudflare.
<b>CI/CD</b>	GitHub Actions, Gitlab CI/CD, Jest, Supertest, Selenium, Cypress, Vitest.
<b>Web/Media</b>	Unity3D, HTML/CSS, TailwindCSS, ReactJS, Photoshop, Wondershare Filmora.
<b>Others</b>	Prompt Engineering, Product Management, Social Media Management

## WORK EXPERIENCE

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### Systemica Institut GmbH

Oct 2024 - Present

Software Engineer

Remote

- Leading **PSD2-SCA** compliant **Payment System** with automated SEPA flows and reconciliation with the goal of near-zero audit flags.
- Developed an internal **envelope-encryption** package (Bun, TypeScript) enabling layered key rotation and transparent decryption; reduced startup time by 70%.
- Led a team of 6 engineers** to develop an internal **monorepo starter kit** adopted by all services, reducing new-project bootstrapping **from 3h to 15 min**.
- Architected '**Hashicorp Vault**' backed **encryption-as-a-service (EaaS)**, securing all secrets for all services.
- Automated project bootstrapping & incident runbooks, reducing **20 dev-hrs/mo** and reducing mean recovery from **avg 45 min to avg 10 min**.

### Self Employed

Mar 2022 - Sep 2024

Independent Software Engineer

Remote

- Built **Ticketing Service (Node.js, MongoDB)**; Load-tested to sustain  $\geq 10k$  emails/day at **p95=150 ms**, with auto-deduping projected to **reduce SLA from 4 h to 1.5 h**.
- Launched GoodWords word-puzzle **Game (Unity, C#)**, with an automated **GitHub Actions CI/CD** pipeline, enabling build-to-store lead time and same-day feature drops to users.
- Architected and led **privacy-compliant API & Postgres** backend (**ISO/IEC 27001, BD Telemedicine 2020**) powering vitals dashboards for NICUs, estimated to sustain **99.999%** uptime and faster vitals access for clinicians.
- Deployed edge-rendered Results Portal (**Cloudflare Workers**). Load-tested **25K req/min (~420 rps)**, **p95=79 ms**, estimated trimming **90s lookup to 15s** for **2.2 K users**.

### DTOWN

Nov 2020 - Oct 2021

Game Developer - XR & Backend Team

Remote

- Delivered cross-platform XR Gameplay Functionalities (**Unity, C#**) while sustaining **60 FPS** for smooth gameplay.
- Architected Backend with **Firebase** & wrote [Self-Tailored REST Client](#), now powering a mobile game (**1.5+M downloads, ~30K MAU**).
- Created one-click build-target switcher, cutting config time **from 15 mins to one click** and eliminating merge slips.
- Shipped Slack Bot automating closed testing build artifacts to predefined channels to streamline release prep each week.

### Playense

Aug 2020 - Oct 2020

Game Developer - Hyper Casual Team

Remote

- Prototyped **2 hyper-casual titles** in 4 weeks.
- Built a music beat-sync level generator that designs a **60-sec level in < 0.5 sec**, reducing designer effort by **around 80%**.
- Maintained internal code guidelines, driving zero regression bugs across all sprint releases.

## Ghost Interactive

Feb 2017 - Jun 2018

Junior Game Developer

Remote

- Implemented gameplay functionalities (**Unity, C#**) for a **PC Title** and a **Mobile Title**, boosting average session length.
- Rapidly prototyped several gameplay functionalities from concept, accelerating creative testing.
- Maintained clean code & Git workflows, reducing code-review defects.

## HONORS & AWARDS

### Champion

2025

UAP InnovateX 2025 - National Hackathon

Dhaka, BD

### Runners Up

2025

MIST Inventious 4.1 - National Hackathon

Dhaka, BD

### Champion

2025

NSU Tech Fest 2025 - National Hackathon

Dhaka, BD

### Top 10 Finalist

2024

IUT National ICT Fest 2024 - OpenAPI National Hackathon

Gazipur, BD

### Top 9 Finalist

2024

SUST CSE Carnival 2024 National Hackathon

Sylhet, BD

### Champion

2023

DevFest AI Hackathon by Google Developer Group Sonargaon

Cumilla, BD

### Global Nominee, Local Winner

2023

NASA Space Apps Challenge 2023

Dhaka, BD

## EDUCATION

### Bangladesh Army International University of Science and Technology

Apr 2022 - Mar 2026

BSc in Computer Science and Engineering (Data Science Major)

Cumilla, BD

- Current CGPA: 3.26
- Conducting a Thesis on Anomaly Detection from CCTV footage.
- Received the BAIUST National & International Distinguished Student Award.

## LEADERSHIP

### BAIUST Computer Club

Jun 2025 - Dec 2025

President

Cumilla, BD

- Launched Software Intern Program, coaching **102 students** to ship **6 Software Modules** for the Campus.
- Hosting **twice-weekly** "Engineering Adda" tech round-tables (**avg 40 attendees**), boosted club retention.
- Organized a 24-h hackathon for **51 teams (196 participants)**. Managed logistics end-to-end, earning a **90% participant NPS**.
- Drafted bylaws, doc templates & brand kit from scratch; reducing time for any formal procedures.

### BAIUST Computer Club

Jul 2022 - Aug 2024

Executive Member

Cumilla, BD

- Helped organize Junior IUPC for **40 teams**.
- Helped organize BAIUST Intra CSE Fest 2022 for **200+ participants**.
- Helped organize Fall'22 Fresher's Reception & Farewell for **150+ students**.

## EXTRACURRICULAR ACTIVITY

Marathon, Weightlifting, Playing Acoustic Guitar, Gaming, Reading Books.