MD. ROKUN UDDIN

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SUMMARY

Worked over 8 years in IT/software roles at Rancon Group, focusing on enterprise systems, cloud solutions, and automation. Gained hands-on experience in microservices, API development, cloud cost optimization, and dashboarding for IoT and operations. Led system migrations, predictive analytics, and secure workflow implementations. Skilled in React, .NET Core, TypeScript, and Kubernetes with a strong track record in scaling systems, cutting costs, and improving performance.

TECHNICAL SKILL

- **Programming Language:** JavaScript, TypeScript, Python, Java, C++
- **Framework:** NodeJS, ReactJS, NextJS, Flask, Spring Boot, HTML, CSS, Tailwind CSS
- **Database:** MySQL, PostgreSQL, MongoDB, Redis, ElasticSearch
- **Tools:** Docker, Kubernetes, Jenkins, GitHub Actions, Git

EXPERIENCE

Software Engineer II
Rancon Electronics Ltd.

📅 Jan 2020 – PRESENT   📍 Dhaka

- Built a warehouse system with microservices, syncing real-time inventory across units.
- Enabled predictive maintenance using ML, cutting downtime by 35%.
- Developed IoT dashboards for production lines with live metrics from 200+ sensors.
- Cut cloud costs 40% via K8s scaling + serverless migration.
- Led secure document signing workflow with Azure AD integration.

Software Engineer I
Rancon IT (Group Tech Division)

📅 Oct 2016 – Dec 2019   📍 Dhaka

- Built employee portal (React + .NET Core) for 4K+ staff.
- Linked biometric logs with payroll API, reducing manual work by 90%.
- Created vendor onboarding tool with real-time tracking and auto-verification.
- Optimized delivery APIs, cutting route processing time 15s → 3s.
- Migrated legacy system to React + TypeScript.

Software Engineering Intern
Rancon Auto Industries Ltd.

📅 Mar 2016 – Sep 2016   📍 Dhaka

- Built VIN parser microservice for assembly line validation.
- Automated compliance PDF reports, saving 100+ hrs/month.
- Scaled reporting jobs with RabbitMQ for async processing.

EDUCATION

BSc in Computer Science and Engineering

East West University

📅 2011 - 2015   📍 Dhaka, Bangladesh
CGPA: 3.64/4.00

PROJECTS

ZARVIS E-COMMERCE
MySQL, JavaScript, NodeJS

- Developed a system that allows users to show their creativity, skills, and shop and sell them.
- User can act as seller and customer, find the nearest place that contain the needed items and show the shortest path to these.

JIGGASHA
NodeJS, ReactJS, MongoDB, Python

- Question and answer sharing platform with features like attaching images to question and answer, filtering and sorting of questions using tags, favorites, time, up or down votes, etc.
- Implemented game-based learning and practice process.

DISCOVER
NodeJS, ReactJS, MySQL, Flutter

- Developed a platform for professionals to show creativity, skills, and awards. Participate and arrange open contests.
- Allows hirers to view leaderboards, arrange programming tests, and conduct interviews.
- Allows admin to manage and control users and contests.

Redis
Python
- Implemented a Redis Server that supports various standard commands.
- Implemented replication using master-slave architecture.
- Implemented support for executing transaction.

ACHIVEMENTS

🏆 **Champion**
Intra university project show 2011

🏆 3rd **Runners up**
University CSE fest 2012