



# Prosengeet Kumar Ghosh

With 7+ years of software development experience, I specialize in enhancing technology accessibility and user experience across diverse sectors such as cyber insurance, telecom, e-commerce, and hospitality. Skilled in building scalable web services using **MERN** and **PERN** stack. Proficient in microservice architecture.

## Experience

### Measured Analytics and Insurance, Salt Lake City, UT — Sr. Backend Engineer

Apr 2022 - PRESENT (REMOTE) | | NodeJs, NestJs, TypeScript, PostgreSQL, MSSQL, Kafka, Docker, Camunda, ReactJs, AWS, Jenkins

- Developed event-driven microservices, Implemented Auth0 for 2 client apps and 15 backend services, and custom authentication for 2 services.
- Automated survey PDF generation, report production, and quote generation, serving over 2k internal and external clients.
- Streamlined processes with Camunda workflows, managing 1k+ applications monthly and integrating third-party security reports.
- Linked MS Teams and Slack for real-time notifications for 80+ internal users and automatic partner registration workflow using HubSpot APIs.

### BuildAppeal, Los Angeles, CA — Full Stack Developer

Oct 2021 - Mar 2022 (CONTRACT) | | NodeJs, ExpressJs, ReactJs, PostgreSQL, Apollo GraphQL, Prisma, Algolia, AWS S3, GitHub Actions

- Created high-performance GraphQL APIs to reduce response payload for mobile and web clients, collaborated with 4 different internal teams to meet client needs.
- Worked on improving API speed by designing and implementing efficient database queries.
- Built user-friendly experiences and 50+ reusable components for various internal websites using ReactJs and Storybook, ensuring compatibility across multiple devices and browsers.

### Minicabit Ltd, London, UK — Full Stack Developer

Jul 2020 - Sept 2021 (REMOTE) | | NodeJs, ReactJs, NextJs, TypeScript, MongoDB, MySQL, Redis, Apache Solr, Docker, ReactQuery, Twilio Autopilot, Jenkins

- Enhanced functionalities and pipeline integration for 460K+ users and 1K+ cab operators across 550 UK towns.
- Implemented SMS booking with Twilio API and developed B2B features and reusable components using ReactJs.

### Brain Station 23 Ltd, Dhaka, BD — Full Stack Developer

Jul 2019 - Jun 2020 (HYBRID) | | NestJs, TypeScript, MongoDB, Angular, Azure Event Hub, Azure Identity Platform, Azure Service Bus, ReactJs, Redux, NodeJs, HapiJs, Redis, ReactQuery, GraphQL

#### DiaperSens —

- Designed database layout and built a REST API to assist over 500+ doctors and nurses.

## CONTACT

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in: [prosen-ghosh](https://prosen-ghosh.com)

## SKILLS

JavaScript ★★★★★☆

NodeJs ★★★★★☆

TypeScript ★★★★★☆

NestJs ★★★★★☆

ReactJs ★★★★★☆

NextJs ★★★★★☆

MongoDB ★★★★★☆

PostgreSQL ★★★★★☆

Redis ★★★★★☆

GraphQL ★★★★★☆

Git ★★★★★☆

Elasticsearch ★★☆☆☆

Docker ★★★★★☆

Kafka ★★★★★☆

Microservice ★★★★★☆

Camunda ★★★★★☆

AWS ★★★★★☆

## EDUCATION

[AIUB](#), 408/1, Kuratoli, Khilkhet, Dhaka 1229 — BScCIS

CGPA: 3.59/4.0

Jan 2014 - Jan 2017

## LANGUAGES

Bangali, English

Banglalink — [🔗](#)

- Boosted app speed by **40%** for **35M** users with Google Lighthouse and GTmetrix.
- Created new features and **25+** reusable components using ReactJs for dynamic page rendering.

Snapsel — [🔗](#)

- Designed GraphQL APIs and NoSQL databases, serving over **1k** customers.
- Enhanced efficiency with reusable components and developed real-time interactions using Apollo GraphQL subscriptions.

## **HungryNaki Ltd, Dhaka, BD — Full Stack Developer**

**Mar 2017 - Jun 2019 (ON-SITE)** | | *NodeJs, HapiJs, MongoDB, Redis, Elasticsearch, GraphQL, Kafka, Redis PubSub, VueJs, ApolloGraphql, ExpressJs, MySql, SocketIO, ElectronJs, ReactJs, Jenkins*

- Transitioned from monolithic to microservice architecture, scaling to serve **1M+** users nationwide.
- Developed technical solutions for **500+** internal users, optimizing NoSQL queries and implementing caching to enhance GraphQL API performance.
- Managed delivery zones using NoSQL Geo Special Query and Google Maps API.
- Created a real-time desktop app with ElectronJs, ReactJs, and SocketIO, and designed REST API backend and NoSQL database for **2k+** restaurants.

## **SmartLaunder Ltd, Dhaka, BD [🔗](#) — Software Engineer**

**Nov 2016 - Feb 2017 (HYBRID)** | | *NodeJs, MongoDB, ReactJs*

- Developed new features using NodeJs, ReactJs, and MongoDB to meet the needs of over **1k** customers.
- Analyzed solutions for architectural improvements for both internal and external users.