

# Md Obaidur Rahman

Engineering Leader · Full-Stack & Application Security

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## SUMMARY

Engineering leader with 13+ years building, securing, and shipping scalable web and mobile systems. I lead teams and own architecture end to end — from system design and full-stack delivery (React, React Native, Node.js, TypeScript) to application-security strategy for sensitive, regulated platforms. Currently consulting for the Bangladesh Election Commission, where I lead delivery and security for the country's postal-voting infrastructure. I'm equally at home setting technical direction, mentoring engineers, and hardening client-facing systems that handle high-stakes data.

## EXPERIENCE

### Consultant, Cryptography

Jan 2026 – Present

**Bangladesh Election Commission • Dhaka, Bangladesh**

*Lead the web and mobile engineering teams, owning system design and application security for Bangladesh's postal-voting infrastructure.*

- Led the web development team and the mobile application development team, owning the security posture of all client-facing applications.
- Designed, built and led delivery of the secure public web portal, the RO (Returning Officer) portal for encrypted receipt of postal votes, the admin dashboard, the prisoner-voting portal, and the post-office constituency finder.
- Hardened authenticated, encrypted data flows, including secure NID API integration for the postal-vote application, in partnership with EC officials.
- Drove process discovery, requirements gathering, trusted key-data synchronisation (constituency mapping) and reporting with EC officials.
- Coordinated vendors on secure SDK/API integration (SMS, email) and infrastructure.

*Stack: React, React Native, TypeScript, Node.js, OCI*

### Senior Power Platform Developer (Remote)

Dec 2023 – Dec 2025

**Modern IT • CA, USA (Remote)**

*Architected enterprise applications across Microsoft Power Platform and modern web stacks.*

- Architected and delivered enterprise solutions on Microsoft Power Platform.
- Built full-stack applications with the MERN stack, Next.js and REST APIs.
- Implemented secure authentication and encryption for sensitive business data.
- Integrated AI capabilities to automate and enhance business workflows.

*Stack: Power Platform, React, Node.js, Express.js, Next.js*

### Software Engineer (Remote)

May 2019 – Apr 2025

**Concourse Federal Group • USA (Remote)**

*Led delivery of digital solutions for US federal clients across Dynamics 365 and open-source stacks.*

- Led development of enterprise solutions using Microsoft Dynamics 365 and full-stack technologies (React, Angular, Node.js, Python, PHP).
- Implemented secure API design and data encryption for federal applications handling sensitive information.
- Managed deployments across AWS and Azure; mentored junior engineers and ran code reviews.

*Stack: Dynamics 365, React, Angular, Node.js, Python, AWS, Azure*

### Full-Stack Web Developer (Freelance)

Apr 2016 – Present

**Upwork • Remote**

*Top Rated Plus freelancer delivering full-stack solutions across diverse client engagements.*

- Delivered full-stack web solutions across a wide range of stacks under tight deadlines.

- Maintained a 100% client satisfaction rate over a decade of engagements.

*Stack: JavaScript, TypeScript, React, Node.js, PHP*

## SKILLS

**Application Security:** Secure API design, Authentication & OAuth 2.0 / JWT, AES / RSA encryption, HTTPS/TLS, Web security best practices

**Frontend & Mobile:** React, React Native, Next.js, Angular, Vue.js, TypeScript, Tailwind CSS

**Backend:** Node.js, Express.js, GraphQL, Python, PHP / Laravel, C# / ASP.NET

**Data:** PostgreSQL, MySQL, MongoDB, Firebase

**Cloud & DevOps:** OCI, Azure, AWS, Docker, CI/CD, GitLab, GitHub Actions

**Microsoft & Power Platform:** Dynamics 365, Power Apps, Power Automate, Power BI, SharePoint

## EDUCATION

### Master of Computer Science

Jahangirnagar University • Savar, Dhaka, Bangladesh

2019 – 2020

### Bachelor of Science

University of Asia Pacific • Dhaka, Bangladesh

2012 – 2015

## AWARDS

### Top Rated Plus Freelancer (2020)

Upwork — Maintained a 100% client satisfaction rate for over a decade.

## LANGUAGES

Bengali (Native) • English (Fluent)