

# ARIFUL ALAM

Software Engineer | Cloud Engineer | Amazon Web Service  
Node.js | Python | React.js | Next.js

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## WORK EXPERIENCE

### Software Engineer

**SecurityScorecard**    <https://www.securityscorecard.com>

📅 Feb 2022 – Jan 2023    📍 Montreal, Quebec, Canada

- Build end-to-end delivery of features with Node.js.
- Write unit test with Jest & Enzyme, and E2E test with Cypress.
- Continuously deploy new features with launchdarkly.
- Translate UI/UX design to clean, scalable, maintainable, and reusable code.
- Make sure responsive design for both mobile and desktop with React.js.

### Full Stack Developer

**Bandsintown Group**    <https://www.bandsintown.com>

📅 Jan 2022 – Feb 2022    📍 Montreal, Quebec, Canada

- Enhance existing features in the Artist management platform (React.js & Node.js).
- Also, worked with artist's widgets management.

### Full Stack Developer (Remote)

**Epsilon Solutions USA LLC**    <https://www.epsilonolutionsusa.com>

📅 Oct 2020 – Jan 2022    📍 Hanover, NJ, USA

- Manage Authentication with AWS Cognito & Custom.
- Works with Amplify, S3 file upload (Presigned URL) & AppSync (GraphQL).
- Backend development with Lambda using Node.js & DynamoDB.
- Developed responsive web application with React.js.

### Co-Founder & Chief Technology Officer

**Ayoojon**    <https://www.ayoojon.com>

📅 Apr 2020 – Oct 2021    📍 Dhaka, Bangladesh

- Conceived Serverless architecture for booking system application Node.js.
- Responsive client app developed with React.js.
- Nearby events feature with Google Map API and Geographic Document.
- Managed complex queries in MongoDB efficiently.

### Full Stack Developer

**TiGrow Tech Ltd [Now: Onethread]**    <https://www.onethread.app>

📅 Sep 2019 – Apr 2020    📍 Dhaka, Bangladesh

- Enterprise Connectivity Platform's build with Node.js.
- Build the real-time messaging features from scratch with PusherJs.

### Software Engineer Intern

**TiGrow Tech Ltd [Now: Onethread]**    <https://www.onethread.app>

📅 May 2019 – Aug 2019    📍 Dhaka, Bangladesh

- Works with Node.js server with ExpressJs.
- Build REST-API and CRUD operations with MongoDB.
- Tested API with Mocha and Chai.

## EDUCATION

BSc in Computer Science and Engineering

**American International University-Bangladesh (AIUB)**

📅 2016 - 2020    📍 Dhaka, Bangladesh

CGPA: 3.96/4.0

## SKILLS

### Frontend

React.js    Next.js    JavaScript  
TypeScript    React Hook Form  
Formik    React-Query    D3  
YUP    Zod    Styled Components  
TailwindCSS    Storybook    Headless UI  
Material-ui    Blueprint-ui    Tachyons

### Backend

Node.js    Nest.js    Python  
Serverless    REST-API    GraphQL  
Lambda    API Gateway    Cognito  
Textract    Medical Comprehend  
AppSync    Amplify    Joi    Zod  
Google Map API    Stripe    JWPlayer

### Testing

Unit Test    E2E Test    Jest    Enzyme  
Cypress    Mocha.js    Chai.js

### DevOps

AWS    Vercel    Serverless    S3  
CloudFront    Route53    EC2  
Lightsail    Elastic Beanstalk  
SES    CodePipeline    CodeBuild  
CodeCommit    Nginx    GitHub  
GitHub Actions    Bitbucket

### Database

MongoDB    PostgreSQL    MySQL  
DynamoDB    Redis

# PROJECTS

## SecurityScorecard <https://www.securityscorecard.com>

- Track cybersecurity ratings, find and resolve critical security risk.
- Re-build risk-control platform for insurance squad.
- Create insurance-analytic API with internal data store and CUBE.
- Write test cases for both backend (Jest) and frontend (Jest & Cypress).
- Implement client-side features with React.js followed by Figma UI/UX.

Node.js React.js PostgreSQL Jest Cypress AWS

## Bandsintown Group <https://artists.bandsintown.com>

- Scalable solutions for Artists at every level.
- Enhance existing features in the Artist management platform (React.js & Node.js).
- Fix issues in Smart Link and Widget.

Node.js React.js PostgreSQL AWS

## EPL Innovative Solutions <https://eplcares.io>

- EPL is a medical service provider followed by AWS HIPPA compliance.
- API development using Python & Node.js with PostgreSQL.
- Responsive web design with Next.js.

Node.js Python Next.js PostgreSQL Textract Cognito

## Jantt <https://www.jantt.com>

- Jantt services are designed so that business owners will not have to perform any accounting functions or hire internal staff.
- API development using Python & Node.js with PostgreSQL.
- Data source integration with QuickBooks, and Gusto.
- Responsive web design with React.js.

Node.js Python React.js PostgreSQL AWS

## JustAskLucy <https://www.justasklucy.com>

- A tool to help client to create new ideas for your toughest challenges.
- API development using Python with PostgreSQL.
- Responsive web design with React.js.

Python React.js PostgreSQL AWS

## Typhoon <https://typhoonondemand.com>

- Typhoon makes it easy to upload and share your film with the world.
- Virtual theater, streaming analytics and personal filmmaker portal.
- API development using Node.js & Python with DynamoDB.
- Responsive web design with React.js.

Node.js Python React.js DynamoDB AWS

## Ayoojon <https://www.ayoojon.com>

- Build services with booking management.
- Build nearby events feature with Google Map API & Geographic Document.
- API development using Node.js with MongoDB.
- Responsive web design with Next.js.

Node.js Next.js MongoDB AWS

## TiGrow [Now: Onethread] <https://www.onethread.app>

- API development using Node.js with MongoDB.
- Build the real-time messaging features with PusherJs.
- Responsive web design with React.js.

Node.js React.js MongoDB AWS



## Real-time Service

Websocket Socket.io Pusher



# STRENGTHS

Optimistic Learner Problem Solving  
Hard-working Open minded  
Flexibility Adaptability Leadership

# HONOURS & AWARDS

-  **SUMMA CUM LAUDE**  
Gold Medal for good academic result in the BSc.
-  **DEAN's LIST HONORS**  
Achieved it 4 times.

# CERTIFICATES

-  **Introductory Data Science & Machine Learning**  
ESAB AIUB Unit Face
-  **Responsive Web Design**  
CodersTrust Bangladesh

# LANGUAGES

Bengali  
English  
Hindi

