

Tasin Ishmam

📍 Berlin, Germany 🏠 Backend engineer with experience in web development, managing teams and developer advocacy.

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Skills

Programming Languages Proficient: JavaScript, TypeScript, Python · Familiar: Java, C++
Frameworks/Libraries Proficient: Express, NestJS · Familiar: React, Next.js, Apollo, Pytorch, NumPy
Technologies Git, Docker, Testing, REST & GraphQL, PostgreSQL, MongoDB, Prometheus, Grafana, Jaeger
Platforms Familiar: Azure, Heroku, Firebase, Google Cloud Platform

Work Experience

Prisma (prisma.io) Berlin, Germany
DEVELOPER ADVOCATE Apr. 2022 - Present

- Created technical tutorials about **GraphQL, NestJS, observability, TypeScript, REST**, etc., with **over half a million views**.
- Spoke at **conferences, workshops and live streams (10,000+ views)** about **NestJS, testing, type safety, databases**, etc.
- **Lead maintainer** of open-source learning platform **HowToGraphQL**, **one of Prisma's top ten user acquisition channels**.

DEVELOPER SUCCESS ENGINEER (PART-TIME) Jul. 2021 - Mar. 2022

- Provided technical support and guidance about Prisma's ORM, Database design, Query Optimization and other related issues to over 200 developers using Prisma's software. Acquired over 4500 reputation on **StackOverflow**.

Technohaven Company Ltd (technohaven.com) Dhaka, Bangladesh
SOFTWARE ENGINEER/BLOCKCHAIN ENGINEER Nov. 2020 - Mar. 2021

- **Led backend engineering team, designed APIs** and managed infrastructure on **Azure**.
- Developed a proof of vaccination platform, using **Node.js** and **MySQL**, for a client with 50,000+ users.

BLOCKCHAIN DEVELOPMENT INTERN Jun. 2020 - Aug. 2020

- Designed & built a **certificate verification platform** using **Hyperledger Fabric** and **Node.js**. Project has 30 GitHub stars.

Syml (syml.co) Dhaka, Bangladesh
SOFTWARE ENGINEER (FREELANCE) Nov. 2018 - Jan. 2020

- Developed chatbots and analytics for Facebook pages that **improved user engagement by 17%**.
- Built an **android app using Java** for startup **Positive Bangladesh** that helped them win **Facebook P2PFGDC Spring 2019**.

Projects & Publications

Online Legal Services (Wills & LPA) Platform (neolexical.com) Aug. 2020 - April. 2021
NODE.JS, FIREBASE, SERVERLESS/CLOUD FUNCTIONS, REACT, STRIPE

- **Led project, implemented backend and managed infrastructure** of a UK based law firm's legal services platform.

Faster 3D object detection with Focused Frustum Search in sensor fusion based networks Co-first Author
PYTHON, PYTORCH, 3D COMPUTER VISION, AUTONOMOUS VEHICLES Feb. 2020 - Mar. 2021

- Developed and benchmarked novel method for improving runtime and accuracy of 3D object detection model.
- **Published in one of the world's top 5 robotics publications (IROS 2021)** and achieved second place in the IEEE Computer Society Lance Stafford Larson best undergraduate student paper award.

Covid-19 Awareness Project (coronainbangladesh.com) Mar. 2020 - Jun. 2020
NODE.JS, EXPRESS, MONGODB, GOOGLE CLOUD PLATFORM

- Developed backend, web-scraper and deployed one of the first Covid-19 information hubs in Bangladesh.
- Website successfully **handled 20,000 requests per day**, received national press coverage and government recognition.

Education

Bangladesh University of Engineering and Technology (BUET) Dhaka, Bangladesh
B.SC. IN COMPUTER SCIENCE AND ENGINEERING Apr. 2017 - May 2022

- **CGPA: 3.90** (top 10% of class). Awarded **15 scholarships of merit**, including dean's list award in every semester.
- Contributed to deep learning research projects leading to **two publications**. Details: tasinishmam.com/publications.

Honors & Awards

2021 **Upsilon Pi Epsilon Honor Society Award**, IEEE Computer Society International Award
2021 **Silver Medal**, International Blockchain Olympiad 2021 (**150+ teams participated**) International Competition
2020 **Runners Up (Backend)**, Grameenphone Digital Ninja Hackathon (**1300+ participated**) National Competition
2020 **Winner**, National Hackathon On Frontier Technologies (**349 teams participated**) National Competition
2019 **Winner (Idea Competition) & 2nd Runners Up (Hackathon)**, BUET CSE Festival University Competition