

Zhalok Rahman

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in <https://www.linkedin.com/in/zhalok-rahman>

🔗 <https://github.com/zhalok>

🔗 <https://leetcode.com/zhalok/>

🏆 <https://codeforces.com/profile/vegeta46>

Professional Experience

Programming Instructor (Python and Scratch),
CodexPro 🔗

2021 – present | Berlin, Germany

Full stack Developer, InnovexIT
present | Sylhet

Skills

Problem Solving

Solved 1000+ problems.

My handles: <https://linktr.ee/zhalok>

Programming Languages

C++, Java, Python, JavaScript

Software Development

React, Node, Express, Next, MongoDB, Flask, Django, Firebase, MySQL, PostgreSQL, Docker, GitHub, Git, SocketIO, Payment Gateway

Deep Learning

Computer Vision, Tensorflow, Pandas, Numpy,

Education

BSc in Computer Science and Engineering,
Shahjalal University of Science and Technology
01/2019 – present | Dhaka, Bangladesh

Awards

Champion, HackNSU4, ACM student chapter North South University.

- Developed prototype for advanced e-ticketing system

Projects

Ambel, An Web Application for Online Appointment Solution

- Currently working on it.
- Worked on an existing codebase
- Integrated payment gateway (Stripe and Paypal)
- Developed new API endpoints
- Integrated APIs to the pre-existing front-end
- Demo: 🔗

BookLook,

A web application for managing academic books

- A web application for reading and recommending books.
- Designed a normalized MySQL database and wrote queries to optimize performance.
- Developed recommendation feature, commenting feature, and file upload feature.
- Implemented a filtering system based on multiple criteria.
- Source 🔗, Demo 🔗

Lab Buddy, A web-based ed-tech platform for virtual simulation and question bank

- Virtual lab simulation
- Automated question generation from CSV file
- Tech Stack: React-Three-Fiber, Express JS, React JS, MongoDB
- My Role:
 - Back-end Developer and Team Lead
- Contributions:
 - Authorization and Authentication using JWT,
 - Automated question generation from CSV
 - Database design
- Demo: 🔗

MalNet, A web-application for detecting affected malaria cells

- Tech-Stack: Flask, React, Tensorflow
- Finetuned a vgg19 image classification model
- Built own model using keras functional API
- Built a flask backend running in google colab
- Served the backend with pyngrok proxy server from google colab
- Demo: 🔗

Courses

Supervised Machine Learning: Regression and Classification, Coursera