MOHAMMAD NABILUZZAMAN NELOY

Software Engineer | Gaming Video Creator

PROFILE

A dynamic Software Engineer with a comprehensive skill set spanning AI research, AI software integration, web scraping, full-stack web application development, and blockchain technology. Eager to leverage accumulated expertise and further enhance skills within a collaborative and professional team environment. Seeking a rewarding role as a Software Engineer to contribute innovative solutions and drive continuous personal and professional growth.

CONTACT

PHONE: +8801618104178
EMAIL: mohammadneloy11@gmail.com
LINKEDIN: mohd-n-neloy
GITHUB: mohdnneloy
Portfolio: mohdnneloy

TECHNICAL SKILLS

- ✓ Django, Flask
- ✓ React, Node, Next JS
- ✓ Bootstrap
- ✓ MySQL, PostgreSQL
- ✓ MariaDB, MongoDB
- ✓ WordPress
- ✓ Beautiful Soup
- ✓ Web3, Ganache
- ✓ AWS Bedrock, AWS RDS
- ✓ Ollama, Langchain
- ✓ Git, GitHub, Gitlab, Bitbucket
- ✓ Jira
- ✓ Springboot
- ✓ Linux
- ✓ Docker

TECHNICAL LANGUAGES

- ✓ Python
- ✓ JavaScript, TypeScript
- ✓ Perl
- ✓ Java
- ✓ PHP
- ✓ Solidity
- ✓ HTML, CSS

WORK EXPERIENCE

Junior Software Engineer
W3 Engineers LTD, Dhaka, Bangladesh (August, 2023 – Present)
- Collaborate closely with data and AI team.
- Conduct research on latest AI models. Create new and modify previous prompts for new LLM models. Integrate AI features to existing systems.
- Analyze and manipulate data as per client specifications. Implement backend APIs to provide data manipulation services for internal usage.
- Prepare detailed documentations and system architectures
- Implement frontend features based on requirements

Next JS | React | Django | AWS Bedrock | Ollama | Langchain | PostgreSQL | Docker | Gitlab | Jira | Linux

Intern – Software Engineer
W3 Engineers LTD, Dhaka, Bangladesh (May, 2023 – August, 2023)
- Work Closely with AirG Team to plan, implement and test carrier integrations through 7 separate microservices based on Python, Perl, Java, and TypeScript.
- Plan overall carrier integration work targets for codebase change, documentation, testing and delivery information.
- Implement APIs for external carrier partner notifications, internal database manipulation based on frontend service specifications.
- Understand carrier API documentations for implementation of external API calls and service integration

Flask | Plack | SpringBoot | Node | MongoDB | MariaDB | MySQL | Docker | Gitlab | Jira | Confluence | Linux

EDUCATION

B.Sc. Computer Science Engineering (CGPA 3.85/4.00)
North South University, Dhaka, Bangladesh (2018 - 2023)

High School (AISSCE)
Daisy Dales Sr. Sec School, Delhi, India (2015 - 2017)

PUBLICATIONS

- ✓ Neloy, Mohammad Nabiluzzaman, et al. "A remote and cost-optimized voting system using blockchain and smart contract." *IET Blockchain* (2023).
- ✓ Neloy, Mohammad Nabiluzzaman et al. "Utilizing deep learning in Chipless RFID tag detection: an investigation on high-precision mm-wave spatial tag estimation from 2D virtual imaging". Taylor & Francis Online (2024)

LANGUAGES

- ✓ Bangla
- ✓ English
- ✓ Hindi
- ✓ Spanish

SKILLS

- ✓ Public Speaking
- ✓ Team Work
- ✓ Problem Solving
- ✓ Team Planning
- ✓ Software Development
- ✓ Software Architecture Design
- ✓ Planning Strategy
- ✓ Graphics Designing
- ✓ Time Management
- ✓ Video Editing
- ✓ Rapid Learning
- ✓ Team Management

ACHIEVEMENTS / HONOURS

Gold Medalist
NASA SpaceApps Challenge 2018, Delhi
Project IAMU – AI based Drone with an ability to detect road incidents

Nominated in Top 5
Incubate IND 2016, Delhi
Project PETMON – A smart pet tracking collar

Participant
Hack NSU 2019, Dhaka
Project Nirbapon – An IOT based fire alarm system integrated with a mobile application

PERSONAL PROJECTS

Choice
A remote voting system web-application based on biometric authentication, blockchain and smart contracts. The objective of this project is to provide a remote and secure platform for online voting to increase the overall turnouts of an election.
React | Django | Web3 | MySQL | Solidity

Spitrack
A web based search engine used to extract documents out of a given set of URLs at a particular depth.
React | Django | Heroku | Firebase | AWS RDS | Web Scraping

More of my projects are available in GitHub

INTEREST AND ACTIVITIES

Graphics Designing, Gaming, Travelling, Content Creation, Video Editing, Sports, Photography, Music

I have a Gaming YouTube channel with over 1 Million+ views and 1k+ subscribers that consist of gameplay videos and solutions to game or software related problems.
Photoshop | Illustrator | Premiere Pro