

# Alamin Biswas Plabon

Software Engineer

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## EXPERIENCE

### RentYard Inc , USA — Tech Lead

March 2025 - Present

Node.js / Express.js/ TypeScript

Built CI/CD pipelines for fast, reliable deployments.

Led end-to-end software architecture and managed the full tech team.

Oversaw backend systems, DevOps, security, and team scaling.

Delivered high-performance, scalable APIs aligned with business goals.

Enhanced performance with Redis, optimized DB queries.

Directed a team of 16 engineers; conducted reviews and mentorship.

Enforced security standards (RBAC, OAuth), ensuring compliance.

Partnered with product teams to align tech with business goals.

### Spark Tech Agency, Banasree — Backend Developer

May 2024 - Present

Node.js / Express.js/ TypeScript/MongoDB

- Developed and integrated RESTful APIs using Node.js, Express.js, and MongoDB ensuring scalable and maintainable backend architecture.

- Designed and implemented RESTful APIs, enhancing system performance and scalability to handle high-traffic demands..

- Developed robust database schemas and optimized MongoDB queries, reducing data retrieval times by 20%.

- Built middleware solutions using Express.js to streamline request handling and improve security

- Payment Services Integration

### DevSpace, Uttara — Software Engineer

Mar 2023 - April 2024

Ruby On Rails / Postgresql / Javascript

- Developed and integrated RESTful APIs using **Ruby on Rails** and **PostgreSQL**, ensuring scalable and maintainable backend architecture.

- Collaborated closely with frontend developers to ensure seamless integration of APIs, reducing API response times by 15%.

- Improved Git workflows, optimizing branch management and code review processes, resulting in 25% faster feature delivery.

- Spearheaded the implementation of automated testing frameworks, increasing code coverage by 30%.

## PROJECTS

### Skin Cancer Detection Using Hybrid ML Model

- Developed a hybrid model combining EfficientNet B4 and SVM, achieving 97.91% accuracy on the ISIC2021 dataset.

- Handled data preprocessing (augmentation, normalization) and optimized model performance using hyperparameter tuning.

- Technologies: EfficientNet B4, SVM, CNN, TensorFlow, Keras.

## EDUCATION

### University of Liberal Arts Bangladesh — B.Sc

Computer Science and Engineering (2019-2023)

## SKILLS

Data Structure , Algorithm

Javascript Reactjs Nextjs HTML CSS(framework )

MSSQL, MySQL, Oracle, PostgreSQL, Firebase.

## AWARDS

Takeoff Programming Contest 2021 – 2nd Runners-up (300+ teams participated)

Takeoff Programming Contest 2020 – 7th Place (200+ teams participated)

CTO Forum Hackathon 2022 – Finalist (National-level competition)

Problem Solving on Beecrowd – Ranked in top 50% globally

Problem Solving on HackerRank – Achieved certifications in Data Structures and Algorithms

## LANGUAGES

ENGLISH & BANGLA

## LinkedIn

[Alamin Bisaws Plabon LinkedIn](#)

## GitHub

[Alamin's GitHub](#)