

# MD AKASH AKTER

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## Profile

Dedicated mern-stack engineer with experience in Express, Node.js, MongoDB, and React; track record of building dynamic e-commerce platforms and improving user experiences. adept at setting up safe payment mechanisms and doing well in hurried, team-oriented settings. devoted to providing creative, scalable web solutions and enthusiastic about lifelong learning.

## Projects

### FITNESS EQUIPMENT E-COMMERCE | [LIVE SITE](#) – CLIENT - SERVER

- Created a feature-rich e-commerce website for workout equipment, including checkout alternatives like Stripe, a dynamic cart system, and product listings.
- An admin panel for adding, updating, and deleting products in real time was made, and the search function was improved with category and price filtering.
- Added debounced search for performance, updated responsive design for seamless use across devices, and added cart refresh warnings.
- Key Technologies: **React, Redux, TypeScript, Tailwind CSS, Express, Mongoose, Zod.**

### CAR BUZZ – USED VEHICLE MARKETPLACE | [LIVE SITE](#) – CLIENT - SERVER

- Created a full-stack platform with distinct dashboards for administrators, buyers, and sellers to purchase and sell used automobiles.
- Admins can manage users and listings, consumers can book automobiles, and sellers can add products.
- Stripe was used to handle payments, Google was used for secure user identification, and Tailwind CSS was used to improve the user interface for responsive design.
- Key Technologies: **React, Firebase, Tailwind CSS, Express, MongoDB, Stripe.**

## Thesis

### DATASET CREATION FOR CLASSIFYING MALICIOUS ANDROID FINANCIAL APPS

- To improve the training process, a bespoke dataset of financial Android apps was created and combined with an already-existing open-source dataset.
- Neural networks (NN) and support vector machines (SVM) were used to train and assess models to increase the accuracy of harmful application detection.
- used machine learning approaches for threat detection, which helped to further studies in mobile application security.

## Skills & Abilities

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|-------------------------------|--|
| • Front-end technologies      | • Next.js, React, React Native, Redux.                               |
| • Backend and API integration | • REST, JSON, Express, Mongoose                                      |
| • Programming Languages       | • C/C++, JavaScript, TypeScript, Python                              |
| • Soft Skills                 | • Communication, cooperation, coordination, and attention to detail. |

## Education

B.SC. IN COMPUTER SCIENCE & ENGINEERING | JANUARY 2024 | PUNDRA UNIVERSITY OF SCIENCE & TECHNOLOGY, BOGURA.