

# Mr. A M Saif Mahmud

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## Education

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**BRAC University**  
*Bachelor of Science in Computer Science and Engineering*

CGPA: 3.64 (Till Fall '18)  
Graduation Year: 2019

## Experience

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**Obhijan** (An app for travel junkies, by Robi Axiata Ltd) September 2018 – September 2018  
*Developer* Dhaka, Bangladesh

- A work-in-progress project.
- Built new API end-points for their new 'Restaurant' feature.
- Tools/Technologies Used: PHP7, MariaDB, Git

**Dhaka Boot Barn** (An e-commerce website) August 2018 – September 2018  
*Developer* Dhaka, Bangladesh

- Created a full e-commerce site from with Laravel 5.6 and a premium HTML template.
- Tools/Technologies Used: PHP7, MariaDB, JavaScript (ES2015), SASS, Git

**Koipai?** (An online platform to showcase f-commerce products) November 2017  
*Lead Developer* Dhaka, Bangladesh

- A work-in-progress project.
- Tools/Technologies Used: PHP7, MariaDB, JavaScript (ES2015), SASS, Git

**Grezzli** (An open marketplace to hire freelancers) October 2017 – November 2017  
*Back-end Developer* Norway

- Built a RESTful API for their mobile applications.
- Added a few minor features, code refactoring and optimization.
- Tools/Technologies Used: PHP7, MariaDB

**Rivmedia** (A digital marketing agency) March 2017 – Present  
*Developer* United Kingdom

- Working as a contractual developer to develop add-on for XenForo, a PHP-based forum software.

**Crazy Engineers** (India's number one engineers' forum) December 2014 – July 2015  
*Developer* India

- Built the first iteration of their résumé builder.
- Tools/Technologies Used: PHP5, MariaDB, JavaScript, LESS

**Hazrat Shahjalal International Airport** November 2014 – December 2014  
*Web Developer* Dhaka, Bangladesh

- The first official website of HSIA.
- Tools/Technologies Used: Wordpress, MySQL

- Created the first and second iterations of the website.
- Tools/Technologies Used: PHP5, MariaDB, JavaScript (ES2015), Git

## Relevant Projects

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**UNaB Magazine** (A platform for teenagers to publish their literary works)  
*Community Leader, System Administrator*

- Tools/Technologies Used: XenForo, Wordpress, MariaDB

**Cineplex** (An interactive web application platform to buy movie tickets online)  
*Team Leader, Lead Back-end Developer*

- Was part of the “Database Systems” course.
- Tools/Technologies Used: PHP5, MariaDB, JavaScript, CSS
- Link: <https://github.com/sikhlana/cse370>

**Khela Hobe** (A simple web application to handle stock and e-commerce)  
*Team Leader, Lead Back-end Developer*

- Built a complete micro-framework to handle HTTP requests using Java.
- Was part of the “Object Oriented Programming” course.
- Tools/Technologies Used: Java (1.8), MariaDB, JavaScript (ES2015), LESS
- Link: <https://github.com/sikhlana/cse310>

**REGEX Compiler** (A simple regular expression compiler/matcher using Thompson’s construction)

- Supports concatenation, grouping, character classes and modifiers including “\*”, “?”, “+”.
- Was part of the “Compilers” course.
- Tools/Technologies Used: Java (1.8)
- Link: <https://github.com/sikhlana/cse420/tree/feature/regex>

**Automated Attendance System** (An IoT device connected to the Cloud)

- Used Raspberry Pi 3B coupled with a camera (to read QR Codes) and an RFID reader.
- Was part of the “Digital Systems Design” course.
- Tools/Technologies Used: Python (3.7), PHP7, MariaDB, RESTful API, JavaScript (ES2015), SASS
- Link: <https://github.com/sikhlana/cse461>

## Achievements

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- **Power and Energy Hackathon 2018** – Was invited to showcase our low-power automated attendance system.
- **TadHack 2018** – Was awarded as the First Runner Up of **TadHack Bangladesh** with our idea and implementation to combat domestic violence.

## Skills

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**Computer:** PHP (≥ 5.4), Java (1.8), JavaScript (ES2015), Laravel Framework, Zend Framework (1.x), SQL, GIT, VueJS, jQuery, Electron, SCSS, LESS, Bootstrap 4 / Semantic UI, RESTful APIs, Adobe Illustrator, Adobe Photoshop.

**Language:** Bengali, English