

# UTPAL BARMAN

## Software Engineer at HeavyTask LLC

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## EXPERIENCE

### HeavyTask LLC

#### Software Engineer

📅 Dec, 2018 - Present    📍 Dhaka

- **Worked on Cross-Platform Mobile Apps Development for both Android and iOS**
  - Developed the apps for clients using Flutter
  - Used the latest technology like BLoC Architecture Pattern, Cubit, etc for building high quality app
  - Worked with Flutter Google Map, Geo Locator, live location tracking, etc
- **Built Admin Dashboards using ReactJS, NextJS**
  - Used React Functional Components with Hooks API
  - Worked on React Material Table, MomentJS, Material UI
  - Integrated with third-party API, also used Cloud Firestore, Crashlytics, etc
  - Used Flexbox with CSS
- **Conducted meetings directly with overseas clients for product requirements, feedbacks, etc**
- **Developed the project architecture and design structure from scratch**
- **Ensured the performance, quality, and responsiveness of applications**

## SKILLS AND INTERESTS

- **React JS**
  - React Router, React Hooks API, React Material UI, CSS Flexbox
  - Have familiarity with newer specifications of EcmaScript (ES6)
  - Capable for building any reusable custom components, have Good knowledge on React Life Cycles
  - Integrated with REST APIs
  - Have knowledge on Firebase, Cloud Firestore, Real Time Database, Worked with Crashlytics, Firebase Analytics, Cloud Messaging, Cloud Storage, Firebase Hosting
- **Flutter**
  - State Management: BLoC, Cubit, Provider, GetX
  - Excellent knowledge on Material widgets and Cupertino Widgets to build any type of custom Widgets
  - Have good knowledge on Flutter Life Cycle, Memory Leaks, Worked with Google Map, Geolocator
- **NodeJS, ExpressJS**
  - Can build fully RESTful API integrating with MongoDB, MySQL, PostgreSQL, etc
  - Good understanding on the nature of asynchronous programming and its quirks and workarounds, user authentication, JWT, etc

## EDUCATION

B.Sc. in Computer Science and Engineering (CSE)

**Rajshahi University of Engineering & Technology (RUET)**

📅 2014 - 2018

- First Class

Higher Secondary Certificate (HSC) (Science)

**Notre Dame College, Dhaka**

📅 2013    📍 Dhaka Board

GPA 5.00 of 5.00 in all subjects

Secondary School Certificate (SSC) (Science)

**Govt. Science College Attached High School, Dhaka**

📅 2011    📍 Dhaka Board

GPA 5.00 of 5.00 in all subjects

## MOST PROUD OF

🏆 **Perfect Attendance Certificate**  
From Notre Dame College, Dhaka

🏆 **HSC Board Scholarship (General)**  
Dhaka Board, 2013

🏆 **SSC Board Scholarship (General)**  
Dhaka Board, 2011

🏆 **Junior Board Scholarship (General)**  
Dhaka Board, 2008

🏆 **Primary Board Scholarship (Talent Pool)**  
Dhaka Board, 2005

## OTHER SKILLSET

- Languages: C, C++, Java, Python, Dart, JavaScript (ES6), TypeScript, etc
- Frontend Apps Development: ReactJS, NextJS
- Backend Apps Development: NodeJS, ExpressJS
- Cross-Platform Apps Development: Flutter
- Native Android Apps: Kotlin, XML with MVVM Design Pattern, Jetpack Compose
- Cloud Firestore, Firebase Hosting, Crashlytics, Heroku Deployment
- Version Control System with Git
- CSS: Flexbox, Bootstrap, Tailwind
- Database: MySQL, MongoDB, PostgreSQL
- Graphics: OpenGL
- Wordpress: Divi, Elementor, Woo Commerce, Plugin development (I have a plugin in wordpress named **uloader**)
- Other Skills: Adobe Photoshop, MS Office, MS Powerpoint

## INTERPERSONAL SKILLS

- Team Leading, Motivating
- Quick Learner
- Good Communication Skill in both English and Bangla
- Experienced in Teaching
  - Worked as a regular teacher in a coaching center for 2 years (During undergraduation, 2015 - 2017)

## UNDERGRADUATE THESIS

An Approach using Convolutional Neural Networks to Recognize Human Facial Expression

**Name of Supervisor: Prof. Dr. Md. Rabiul Islam**

@ Head, CSE, RUET

✉ rabiul\_cse@yahoo.com

## CERTIFICATES

### Certificate of Completion

**Udemy Course - Learn Flutter & Dart to Build iOS & Android Apps By Maximilian Schwarzmuller**

📅 2020

Link: [go.aws/2TPD6NB](https://go.aws/2TPD6NB)

### Certificate of Participation

**Contestant, EATL Prothom Alo Apps Contest**

📅 2016

📍 Dhaka

### Certificate of Participation

**Contestant, National Hackathon**

📅 2016

📍 Dhaka

### Certificate of Participation

**Contestant, EATL Prothom Alo Apps Contest**

📅 2014

📍 Dhaka

### Certificate of Achievement

**Honorable Mention, ACM ICPC, Asia Regional Dhaka Site Online Preliminary Contest**

📅 2014

📍 Dhaka

### Certificate of Participation

**Bangladesh Mathematical Olympiad**

📅 2009

📍 Dhaka

## REFERENCE

**Prof. Dr. Md. Rabiul Islam**

@ Head, CSE, RUET

✉ rabiul\_cse@yahoo.com

**Dr. Mir Md. Jahangir Kabir**

@ Assistant Professor, CSE, RUET

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