

## Debojyoti Saha

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## Employment

### Logic Square Technologies, Kolkata

*Frontend Developer*

(11/2018-Present)

- Developed training module in an existing project using ionic 3 and angular 6 best practices. Integrated 3rd party libraries and advanced caching mechanism.
- Developed a cross platform ebook reading app in ionic 3 and firebase. Designed data models for firebase nosql database and integrated payment gateway (paypal).
- Currently working on a warehouse management app using react-native. Designed the redux state model using best practices

### iPleaders, Kolkata

*Web Developer*

(03/2018-10/2018)

- Redeveloped assignment portal, a part of the LMS using Angular 6 best practices to reduce submission drop rate by 80%.
- Modified the database structure to reduce data redundancy.
- Implemented a caching system to reduce server load by 40%.
- Implemented Angular 6 best practices in company's main website to improve animation effects and performance.
- Converted several design prototypes into frontend code.

### iPleaders, Kolkata

*Web development Intern*

(12/2017-02/2018)

- Created a php package using PDO to handle database CRUD operations easily and improve security.
- Implemented Unicheck API to automate the plagiarism checking mechanism.
- Implemented AJAX requests to reduce server load and improve user experience.

## Education

### West Bengal University of Technology, Kolkata (2014-2018)

B.Tech, Computer Science and Engineering, GPA 8.15

### West Bengal Council of Higher Secondary Education

Higher Secondary (XII), Science, 58.33%

### West Bengal Board of Secondary Education

Secondary (X), 77.38%

## Projects

### **Library Management System (2018),**

Students can search books, check availability, due date, fine amount etc. Student id and books are identified by QR code. Javascript, PHP, MySQL.

### **Automated Pump System (2017),**

Control a pump based on the water level. Users are allowed to customize the triggering points. Arduino, C.

### **Smart Power Saver System (2016),**

Depending on the person counter, it switches connected appliances with a safe delay. Arduino, C.

## Skills

**Languages:** JavaScript; SQL; PHP; C; Java; HTML; CSS

**Libraries and Frameworks:** Angular 7; ReactJS, React Native, Ionic, JQuery; Gulp; Bootstrap

**Tools:** Git, Firebase, Composer, npm, VSCode

## Achievements

### **Passed the Codechef Certification Program (2017)**

Scored 500/750.

### **Achieved 4<sup>th</sup> rank in “Exorsa”, a web design contest (2016)**

Organized university wise. Designed and developed the frontend code.