

# CHIRAG CHAKRABORTY

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## EXPERIENCE

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### Full Stack Developer Intern

June 2022 - Present

IEEMA Research & Development Pvt. Ltd. (IEMLabs)

*Kolkata, India*

- Developed a Content Management System (CMS) in PHP & MariaDB for [Garden Reach Shipbuilders & Engineers \(GRSE\)](#), which included Admin Panels for Photo Gallery, Press Releases, Careers, Tenders etc., along with the feature of secure authentication for administrative rights.
- Developed separate Login portals in the same website for Vendors and Employees, where they can login through their respective Vendor Code/Employee ID, access their accounts and also download their data (like TDS Certificates and Pension Details). The Vendor portal also has options of changing and recovering Passwords.
- Successfully achieved VAPT closure of the website by eliminating the vulnerabilities like cross-scripting attacks (XSS), insecure cookies, unsanitized user inputs, directory listing etc.

## SKILLS

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### Languages

C, PHP, Java, Python, HTML, CSS, JavaScript, TypeScript

### Frameworks and Libraries

React, Angular, Vue, Node, Express, EJS, Bootstrap, Tailwind, jQuery

### Databases

MySQL, MariaDB, MongoDB

### Tools

Wordpress, Postman, Visual Studio Code

### Soft Skills

Teamwork, Leadership, Time Management, Problem Solving, Public Speaking

## PROJECTS

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**WonderKidz** PHP, MySQL, Bootstrap, Razorpay

[GitHub Link](#)

- A contest management system with different logins for admins and students. Admins can create, update and delete contests on the platform, in which students can register by paying the registration fees through Razorpay Payment Gateway.
- Both students and admins have their own separate dashboards with different features, like editing profile and changing passwords.
- Features like email verification and password reset are on the way, which will soon be implemented.

**Pigeon: Real-Time Chatroom** Node, Express, Socket.io

[GitHub Link](#)

- Used Express for the server-side development.
- Integrated socket.io for communications in real time.
- Fetched the current chat timings with Moment library.

**Taskmaster: Task Tracker** Node, Express, MongoDB, Mongoose, EJS, Cyclic

[GitHub Link](#)

- Used Express and Mongoose for building the REST API with all CRUD features.
- Rendered the interface using EJS Template Engine.
- Hosted the database in MongoDB Atlas Cloud.

## EDUCATION

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**B. Tech in Computer Science**, University of Engineering and Management (UEM), Kolkata  
GPA: 8.66/10.0 (Upto 7th Semester)

2023