

# Arnav Singha

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## EDUCATION

### Kalinga Institute of Industrial Technology

Master of Computer Applications (MCA)

CGPA : 8.0 / 10.00

2024 – 2026

### Dr. B. C. Roy Engineering College

Bachelor of Computer Application (BCA)

CGPA : 8.4 / 10.00

2020 – 2023

## EXPERIENCE

### Full-Stack Developer Intern

Tea Tech Solution

June 2023 – Sep 2023

Durgapur, West Bengal

- Deployed full-fledged Production level Application using **MERN Stack** and **PHP/MySQL**
- Collaborated with team and Utilized **CDNs** to help **reduce latency** by 28% and to achieve real-time updates
- Implemented use of trpc to enhance data safety between server and client, **MySQL**, **MongoDB** to ensure **secure user profile storage**

### Full-Stack Developer Intern

Webel Fujisoft Vara CoE

May 2022 – Sep 2022

Kolkata, West Bengal

- Collaborated with senior team on some big projects and **improved mobile usability** by over **45.7%**
- **Improved sites performance over 75%** by reducing page load time **from 7 seconds to 2 seconds**
- Implemented some security such as **SQL injection** and **XSS** on the Projects
- Supported senior developers to developing products and **fixed almost 30+ bugs in product site**

## PROJECTS

### TypoBlitz | *JavaScript, ReactJS, Material UI, Tailwind CSS, JSON, Redux, Jest* **Demo link** Jan 2024 – Jan 2024

- Developed a high-performance and responsive elegant typing test tool
- Implemented **LocalStorage** to store the data on the user's computer locally
- Optimized Performance over **50%** by Implementing **Lazy loading** and **useMemo** to keep expensive, resource-intensive functions from needlessly running

### EyeBro | *JavaScript, ReactJS, Express, Context API, Tailwind CSS, NodeJS, MongoDB* **Link** Sep 2023 – Oct 2023

- Eyebro is a platform dedicated to providing a seamless shopping experience for eyewear products
- Developed **Auth**, **Axios** to get data from users and improved security in web-app
- For enhances speed of the Web-app used **Lazy loading**, **Webpack** and SEO best practices with **useCallback** for State management
- Implemented **Razorpay**, **Google Pay** payment gateway to securely handle transactions

### oriJEEEn | *Rest API, PHP, JavaScript, MySQL, Bootstrap, Scss, Socket.IO, Git* **Demo link** July 2023 – Aug 2023

- Enhances application efficiency by building E2E connection with teachers and students
- Published websites gaining **700+ active users** and an average **4.5/5-star** review by students and teachers
- Implemented integrated Chat-App, Billing invoice system using **PHP**, **Ajax**, **Rest API** on second update
- Utilized clients business **80%** more growth and smart education for students

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML5, CSS3, Java, MySQL, MongoDB

**Frameworks:** React.js, Next.js, Node.js, Express.js, PHP, Material-UI, Bootstrap, Redux, RESTful APIs

**Developer Tools:** Github, Git, Postman, Photoshop, Illustrator, Figma

**Familiar:** AWS, Jira, DevOps, Agile methodology, NPM, Linux

**Coursework:** OOPs, Data structures and algorithms, Operating Systems, Databases, Networking, SDLC

## ACHIEVEMENTS

**HackHustle 2023** It's a Hackathon conducted by Devfolio and organized by NIT Durgapur, We are the **winner** among 80 competing teams through exceptional **Teamwork, and Problem-Solving, Communication**