

Writtik Bhattacharya

Web Application Developer & Designer

Mysuru, Karnataka

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EDUCATION

- **Maulana Abul Kalam Azad University of Technology** West Bengal, India
Master of Computer Applications (MCA), GPA: 8.6 Sep 2021 – Jul 2023
- **Vidyasagar University** West Bengal, India
Bachelor of Computer Applications (BCA), GPA: 7.8 Aug 2018 – Jul 2021

SKILLS SUMMARY

- **Languages:** HTML, CSS, JavaScript, Ajax, PHP, Data Structures, Algorithms, SQL
- **Frameworks & Libraries:** CodeIgniter 4, Node.js, Flutter, React Native, Bootstrap, WordPress, Joomla
- **Tools & Databases:** Git, MySQL
- **Platforms:** Web, iOS, Android
- **Soft Skills:** Problem Solving, Team Collaboration, Time Management

EXPERIENCE

- **Central Institute of Indian Languages** Mysuru, Karnataka
Web Developer (Full-time) Jan 2023 – Present
 - **Cross-Platform Development:** Developing mobile applications for iOS and Android using React Native.
 - **Backend Development:** Building scalable backend systems with CodeIgniter 4 to manage data and application features.
 - **API Development:** Designing and integrating RESTful APIs for seamless communication between apps and backend services.
 - **Authentication Systems:** Implementing secure user authentication and authorization modules.
 - **Real-time Features:** Adding functionalities such as live chat, notifications, and real-time data updates.
 - **UI/UX Design:** Designing clean and intuitive user interfaces focused on usability and accessibility.
 - **Testing & Debugging:** Performing comprehensive testing and debugging to ensure high-quality and reliable applications.
 - **App Store Deployment:** Managing end-to-end deployment and updates of iOS apps on the Apple App Store.
- **Arctwist Technology Solutions** Kolkata, West Bengal
Web/Software Tester (Part-time, Contractual) Oct 2022 – Dec 2022
 - **Test Planning:** Creating detailed test plans and test cases based on project requirements.
 - **Manual Testing:** Identifying bugs, usability issues, and performance bottlenecks through structured manual testing.
 - **Automated Testing:** Developing and executing automated test scripts to improve testing efficiency.
 - **Load Testing:** Conducting load and performance tests to ensure systems withstand expected traffic and data volumes.

PROJECTS

- **Computer-Aided Translation Kit:** Web application for translation services. Tech: CodeIgniter 4, MySQL. go.trankit.com
- **Digitization Kit:** Web platform for digitization workflows. Tech: CodeIgniter 4, MySQL. crwork.ciil.org
- **HindiBhashi Blog:** Blog platform for Hindi content. Tech: WordPress. hindibhashi.com
- **Surbharat:** Web application for language services. Tech: Core PHP, MySQL. surbharat.hindibhashi.com
- **Speech Data Collection Portal:** Speech data collection portal. Tech: CodeIgniter 4, MySQL. surbharat.hindibhashi.com
- **Vacha Speech Recording Management:** Mobile app for speech data collection (Android & iOS). Tech: Flutter, CodeIgniter 4 API, MySQL.
- **Bharatavani (iOS):** Language learning mobile app. Tech: React Native, CodeIgniter 4 API, MySQL.
- **Speech Data Collection:** Speech data collection mobile app (Android & iOS). Tech: Flutter, CodeIgniter 4 API, MySQL.

KEY ACHIEVEMENTS

- **Web Development:** Delivered multiple end-to-end web development projects using PHP, Python, WordPress, and React Native.
- **iOS Development:** Developed and deployed several iOS applications using React Native and Flutter.

COURSES

- **Introduction to Internet of Things (SWAYAM):** Completed a 12-week certification course covering sensor integration, data communication, and IoT architecture. Developed practical skills in creating IoT solutions and integrating devices with cloud-based systems.

LANGUAGES

- **Bengali:** Native
- **English:** Proficient
- **Hindi:** Proficient
- **Kannada:** Intermediate