

# Key Responsibility Areas (KRA) - Web Developer Intern

**Company:** VOCAL HEART INFOTECH PVT LTD

**Department:** Web Development Team

**Position:** Web Developer Intern

**Reporting To:** Web Development Team Lead

**Approved By:** Director Sir Dhruv Saxena

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## 1. Job Overview

As a Web Developer Intern at VOCAL HEART INFOTECH PVT LTD, you will work with the web development team on various company projects. Your primary responsibilities will include designing, developing, testing, and maintaining web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) and other relevant technologies. You will be expected to follow best coding practices and company development guidelines while collaborating effectively with the team.

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## 2. Working Hours & Schedule

- Start Time: 10:00 AM
- Lunch Break: 01:00 PM - 01:45 PM
- End Time: 07:00 PM
- EOD Report Submission: By 06:50 PM

Punctuality is mandatory. Any delays or leaves must be informed in advance.

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## 3. Primary Responsibilities

### A. Web Development Responsibilities

#### Frontend Development:

- Develop responsive and interactive UI/UX using React.js and Next.js.
- Utilize HTML, CSS, JavaScript, and Tailwind CSS/Bootstrap for frontend design.
- Implement state management using Redux, Context API, or other tools.
- Integrate APIs and handle data fetching efficiently.

#### Backend Development:

- Develop backend services using Node.js and Express.js.
- Manage databases with MongoDB (using Mongoose ORM).
- Design and implement RESTful APIs.

- Implement authentication (JWT, OAuth) and security features.

### Version Control & Deployment:

- Manage code using Git & GitHub.
  - Set up CI/CD pipelines for automation.
  - Deploy web applications on Vercel, Netlify, or AWS.
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## B. Additional Responsibilities

- Follow company guidelines and project workflows.
  - Collaborate with the UI/UX team and other developers.
  - Learn and implement the latest web development technologies.
  - Perform testing and debugging for quality assurance.
  - Maintain security best practices in development.
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## 4. Performance Expectations

- **Code Quality:** Write clean, optimized, and well-documented code.
  - **Task Completion:** Complete assigned tasks within deadlines.
  - **Collaboration:** Actively communicate with the team.
  - **Learning & Growth:** Stay updated with new technologies.
  - **Bug Fixing:** Effectively test and debug applications.
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## 5. Reporting & Deliverables

### Daily EOD Report (End of Day Report) Format

Every day, by 06:50 PM, an EOD report must be submitted to the development team, including:

1. **Tasks Completed Today:**
  - Improved frontend UI
  - Integrated API with backend
  - Implemented authentication system
2. **Challenges Faced (If Any):**
  - API data not loading correctly
  - Some UI elements are not fully responsive
3. **Plan for Tomorrow:**
  - Fix API data fetching issue
  - Improve UI responsiveness
4. **Additional Suggestions or Requests**

Timely and clear reporting is mandatory.

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## 6. Growth & Learning Opportunities

You will have the opportunity to learn and work on:

- Advanced JavaScript & ES6+ Features
- Next.js, TypeScript & GraphQL
- Cloud Computing (AWS, Firebase)
- Database Optimization & Indexing
- Docker & Microservices Architecture

### Skill Development Sessions

- Regular training sessions will be conducted.
  - Workshops on Web Security, Performance Optimization, and Scalability will be provided.
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## 7. Code of Conduct

- Follow company policies and guidelines strictly.
  - Maintain professionalism and adhere to work ethics.
  - Do not share confidential information without authorization.
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## 8. Conclusion

This KRA document outlines your key responsibilities, expectations, and work structure as a Web Developer Intern at VOCAL HEART INFOTECH PVT LTD. Following these guidelines will ensure a productive and valuable internship experience.

"Sharpen your skills, learn new technologies, and grow towards success."

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## 9. Approval Section

**Approved By:** Dhruv Saxena

**Designation:** Director