

# HARIKRISHNAN S G

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## SUMMARY

- Java Developer with 3+ years of experience designing and delivering high-performance software solutions using Java, Spring Boot, HTML5, CSS3, and JavaScript. Proven expertise in building scalable backend services, crafting user-friendly front-end interfaces, and managing databases including MySQL, PostgreSQL, and MongoDB. Key contributor to projects like RMIS and Bhunaksha, improving application performance and user experience. Adept at troubleshooting complex issues, optimizing system efficiency, and delivering results in fast-paced environments.

## WORK EXPERIENCE

### JAVA DEVELOPER

Apr 2022 – Present

NATIONAL INFORMATICS CENTER, TRIVANDRUM, KERALA, INDIA

- Developing and maintaining backend services using the Spring Boot Framework to ensure seamless application functionality.
- Creating and optimizing user interfaces using HTML5, CSS, and Thymeleaf to deliver responsive and user-friendly web applications.
- Incorporating Jasper Reports into projects to enable efficient generation and customization of multi-format PDF reports.
- Integrating geospatial mapping functionalities with Open Layers and GIS technology for interactive data visualization.
- Engineering 30+ responsive landing pages to enhance compatibility across mobile and desktop devices.
- Collaborating with cross-functional teams to ensure alignment with project goals, timelines, and quality standards.

### INTERN

Aug 2021 – Nov 2021

INOVACE DIGITAL MEDIA, TECHNOPARK PHASE-1 TRIVANDRUM, KERALA, INDIA

- Assisted in developing software applications by implementing project requirements within established timelines and standards.
- Designed and developed user interfaces using HTML, CSS, and JavaScript, ensuring responsiveness and compatibility across devices.
- Debugged and troubleshooted code issues to improve application performance and functionality.
- Collaborated with cross-functional teams to integrate features and streamline project workflows.
- Performed software testing to ensure the functionality, usability, and bug-free user experience of web applications.
- Documented development processes and project updates for effective communication and knowledge sharing within the team.

## EDUCATION

### Master of computer Application

Haji C.H Mohammed Koya Memorial College for Advanced studies, Trivandrum, Kerala, India  
(CGPA- 7.5)

### Bachelor of Science in Electronics

Haji C.H Mohammed Koya Memorial College for Advanced studies, Trivandrum, Kerala, India  
(CGPA- 6.5)

## PROJECTS

### Re-Survey Management Information System (RMIS) & EnteBhoomi Portal

Spearheaded development and integration with the EnteBhoomi portal, streamlining Kerala's digital re-survey process and enhancing public access to land services.

### Bhunaksha

Developed advanced mapping features including land allocation and splitting, improving land record management and accessibility.

### Integrated Land Information Management System (ILIMS)

Simplified complex land transactions such as transfer, registration, and tax, increasing operational efficiency and transparency.

## TECHNICAL SKILLS

- **Programming & Scripting:** Java, JavaScript, HTML5, CSS3, jQuery
- **Backend & Frameworks:** Spring Boot, JasperReports
- **Databases:** MySQL, PostgreSQL
- **Tools & Version Control:** Git, GitHub, IntelliJ IDEA, Docker

## AREAS OF EXPERTISE

- Java Development & Backend Services (Spring Boot)
- Web Development (HTML5, CSS3, JavaScript, jQuery)
- Database Management (MySQL, PostgreSQL, MongoDB)
- Reporting Tools (JasperReports)
- REST API Development & Integration
- Application Deployment & Containerization (Docker)

## LANGUAGES KNOWN

- **English:** Proficient/Fluent (C2), **Hindi:** Proficient/Fluent (C2), **Malayalam:** Native