Sri Harshini Bandaru

Application Developer | Masters in CS | Open to Opportunities

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EDUCATION

Concordia University   Montreal, Canada
Masters in Applied Computer Science GPA 3.73/4.3
Relevant Coursework: Programming and Problem Solving, Design Patterns, Artificial Intelligence   *Aug. 2023 – May 2025*

Osmania University   India
Bachelor of Engineering – Information Technology CGPA 8.75/10   *July 2017 – Aug. 2021*

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, PHP

Frameworks and Tools: Spring Boot, RESTful APIs, Docker, Postman, Node.js, Git, AWS services

Methodologies: Agile, Scrum, Microservices, Web Development, JIRA

Other Expertise: Machine Learning, AI, Intelligent Systems, Informatica

EXPERIENCE

Application Development Associate   Aug. 2021 – Aug. 2023
Accenture Solutions Private Limited   *India*

- Developed and optimized backend services in an **agile** environment, ensuring scalable microservices architecture.
- Performed **SonarQube** scans, resolving 75% of critical/major issues, and increased code quality and maintainability.
- Provided quick **root cause** analysis and code fixes for **regression** and **production defects**.
- Implemented **API Pagination**, improving system response times by 50%.
- Improved backend code coverage to 90%+ using **JUnit** and **Postman** across modules, **debugging** and reducing failed test cases by 25%.
- Collaborated closely with **cross-functional** teams (QA and product teams) to deploy solutions aligned with business goals.
- Participated in **CI/CD** pipeline ensuring smooth and reliable deployments.

Software Trainee - Internship   April 2021 – July 2021
Cognizant   *India*

- Worked with Informatica Cloud and **SQL** based **ETL** pipelines for data extraction, transformation and loading.
- Designed scalable data flows integrating multiple heterogeneous sources for enterprise systems.

PROJECTS

RoboProf - University Chatbot | *SPARQL, Rasa*   March 2024
- Designed a knowledge graph-based chatbot that answers complex university queries.
- Implemented **NLP** pipelines using **Rasa** and integrated knowledge extraction using **SPARQL** queries.
- Worked extensively on entity recognition, intent classification and dialog management.

Hunger Pangs | *MEAN Stack*   March 2020
- Developed a web platform that connects food donors with people in need, facilitating efficient food distribution.
- Implemented **RESTful APIs** for seamless communication between the frontend (**Angular**) and backend (**Node.js, Express**) and integrated **MongoDB** for real-time food availability tracking.

The Digital Volunteer App | *React.js, Node.js*   July 2020
- Contributed as a frontend developer in a global team to build an application for aiding people in COVID-19 containment zones.
- Open-sourced project on GitHub: Link