

Shurthi Appukuttan

📍 Toronto, Ontario, Canada ✉ shurthiappukuttan@gmail.com ☎ +1 437-443-7331 📺 in/shurthi 🌐 shurthi.com

SUMMARY

Full-stack developer with 6 years of experience in designing, developing, and deploying high-performance enterprise web applications. Proficient in Java, Spring Framework, Spring Boot, Angular, and Node.js. Skilled in building scalable, secure, and maintainable solutions, and optimizing application performance. Adept at working in Agile environments, collaborating with cross-functional teams, and ensuring seamless integration of systems to meet business requirements.

EXPERIENCE

Application Developer

IBM June 2022 – September 2024, Coimbatore, India

- Developed web application to maintain records and generate reports for two major US Healthcare Insurance Providers.
- Built API endpoints adhering to RESTful principles to handle CRUD operations efficiently for core business functionalities.
- Used Hibernate ORM to map Java objects to the DB2 relational database, enabling efficient data persistence and retrieval with minimal boilerplate code.
- Integrated Spring Security to secure API endpoints, implementing JWT-based authentication and role-based access control.
- Developed web templates using Angular 7, Angular 9, Bootstrap, CSS and HTML for the frontend.
- Applied thorough debugging and troubleshooting techniques to identify and rectify software defects improving overall application performance by 20%.
- Provided technical oversight for junior developers, guiding them throughout the software development lifecycle.
- Remediated application vulnerabilities identified by security tools like Checkmarx.
- Migrated legacy IBM web forms to Angular's reactive forms to enhance application scalability, maintainability, and user experience.
- Optimized form performance by implementing lazy loading and change detection strategies.
- Worked on Angular version upgrade from Angular 7 to Angular 11.
- Coordinated with cross-functional teams using Agile Methodology to ensure efficient project completion.
- Performed comprehensive testing using JUnit to validate API functionality and to ensure robust handling of edge cases.
- Worked on shell scripting in Unix server for data extraction, conversion and file transfer.
- Experienced in incident resolution and production support.

Technology Analyst

Infosys Ltd January 2022 – June 2022, Bangalore, India

- Developed real-time dashboards and visualizations for business stakeholders to monitor logs of MuleSoft APIs created as part of the project using Elasticsearch, Logstash and Kibana for one of the biggest pharmaceutical companies.
- Documented the implemented features to facilitate knowledge transfer and onboarding for team members.
- Monitored logs on servers and generated dashboards in real-time.
- Wrote automated queries in Kibana for proactively monitoring performance in different environments like dev, stage and production.
- Managed change control and testing processes to ensure smooth modifications and deployments.
- Participated in problem resolving, change, release and event management for Kibana.
- Successfully utilized Agile Methodology in the development and implementation of the features.

Senior System Engineer

Infosys Ltd January 2021 – January 2022, Bangalore, India

- Developed web templates for Sales Opportunity Management Portal using Angular 11, Angular Material, CSS3 and HTML5.
- Created Backend REST APIs using NodeJS and Express to persist data in Postgres database.
- Worked on integration with backend, data migration and error handling.
- Documented API specifications using Swagger, enabling easier collaboration with frontend and QA teams.
- Involved in bug fixes, peer code reviews and mentoring junior developers.
- Implemented best coding standards, improving overall code quality and readability.
- Collaborated with UX designers to understand the layouts and sketching wireframes of the User Interface modules.
- Developed UI modules for Enterprise Healthcare Application using Angular 11, Bootstrap, HTML and SCSS.
- Co-developed RESTful backend APIs using Spring Boot and JPA to persist data in Postgres DB.
- Managed deployment, CI/CD using Jenkins, and organized client demos.

System Engineer

Infosys Ltd January 2019 – January 2021, Chennai, India

- Developed a CRUD application using Java and used Spring Data JPA to interact with a PostgreSQL database.
- Created a Java program to read, parse, and process CSV data files efficiently.

- Worked on Middleware development setup which involves B2B critical Business transactions such as POs, ASN, Invoices and Shipments for various trading partners using IBM Sterling Integrator.
-

EDUCATION

Bachelor of Engineering – Computer Science & Engineering

Sri Ramakrishna Institute of Technology • 2014 – 2018

Higher Secondary school Certificate

Holy Cross Convent Matriculation Higher Secondary School • 2012 – 2014

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

Nov 2022

SKILLS

Tech stack: Java 8, Spring, Spring Boot, Hibernate, Node.js, PostgreSQL, Angular 11, Angular 8, Angular 7, Typescript, Javascript, HTML5, CSS3, SCSS, Bootstrap, Angular Material, RxJS, Express, DB2, JPA

Tools: Git, Apache Tomcat, Visual Studio Code, Spring Tool Suite, Eclipse, Kibana, Postman, Jenkins, Maven, JIRA

OS : Windows, Unix