

Akhil Shelly

SOFTWARE ENGINEER · TORONTO, ONTARIO, CANADA

✉ akhil.shelly@gmail.com | 🏠 www.akhilshelly.com | 📷 /akhilshelly | 🌐 /in/akhilshelly

Objective

Seeking a challenging and rewarding role where I can leverage my expertise in cloud architecture, agile methodologies, and team mentorship to drive innovative and impactful projects. Eager to contribute my technical proficiency and leadership skills to advance the success of a dynamic organization in the realm of cutting-edge software development.

Skills

Languages	CSS, Groovy, HTML, Java, JavaScript, GSP/JSP, MySQL, TypeScript, XML
Frameworks	Bootstrap, Grails, Hibernate, jQuery, JUnit, Spring (Boot, Core, MVC, Security)
Tools	Amazon Web Services (AWS), Ant, Atlassian (Jira/Fisheye/Crucible/Bitbucket), Cucumber, Eclipse, IntelliJ, Jenkins, JMS, Maven, Microsoft Azure, Solr, Tomcat
Misc	Bash, LaTeX, Linux, Windows

Professional Experience

Manager

Toronto, ON, Canada

AVANADE

June 2023 - Present

- As Solution Architect, **transformed diverse requirements into a cohesive and scalable microservices architecture**, ensuring alignment with client needs and project objectives.
- Led a dynamic team through requirements gathering, design, development, testing, and delivery phases, ensuring seamless integration and optimal performance across a microservices architecture. **Implemented strategic solutions that contributed to the project's overall success and alignment with business objectives.**
- Championing improvements to the interviewing process with the goal of reducing/removing bias, and standardizing the types of information and depth of answers depending on the level the candidate is being interviewed for.

Sr Consultant

Toronto, ON, Canada

AVANADE

Dec 2020 - June 2023

- Developed a road map for migrating on-prem microservices to the cloud. As part of the migration, **developed functionality that allowed the microservices to interact with a Redis cache.**
- **Implemented an anti-corruption layer** to securely migrate data from a legacy system to a Redis cache.
- Actively **interviewing candidates** for full-time and contract positions.
- **Initialized and drove internal Avanade initiatives** of developing projects and sharing knowledge related to recent updates to **Java** and **Microservices**.

Consultant

Toronto, ON, Canada

AVANADE

Jan 2019 - Dec 2020

- Utilized **Spring** and **JMS** to develop and implement solutions for an industry leading FX trading application.
- Collaborated across teams to troubleshoot issues, investigate and implement solutions.
- Utilized **Cucumber** and **TypeScript** to write automated tests for an **Angular** web application.
- Stepped into a Team Lead role to oversee successful implementation and delivery of functionality that was falling behind.

Software Engineer

POLICYMEDICAL

Richmond Hill, ON, Canada

Jan 2018 - Jan 2019

- Worked under the **Scrum** framework breaking projects/tasks into chunks to estimate and prioritize in sprint planning, allowing for parallel work and consistent progress.
- Used AWS **CodeCommit, EC2, S3, SQS and CloudWatch** to implement scalable and robust features.
- Utilized **Zoom, Slack, Git/SVN, Jira + FishEye** to collaborate with remote contractors in different timezones.
- Researched solutions for new features. Weighed solutions based on price, maintainability, and development complexity.
- Worked with Client Success Team to **translate bugs and user feedback into requirements**, adding to backlog or live-patching as necessary resulting in quick resolution times and increased customer satisfaction.

Client Support Engineer

POLICYMEDICAL

Richmond Hill, ON, Canada

Apr 2016 - Jan 2018

- **Elicited requirements** from clients in response to requests for enhancements.
- Investigated technical issues beyond basic application troubleshooting.
- Collaborated with client IT teams to implement single sign-on solutions.
- Participated in recurring **backlog grooming** activities as defined by the **Scrum** framework.
- Responsible for **onboarding, training and mentoring** new hires.

Design Engineer

EVERTZ MICROSYSTEMS, LTD.

Burlington, ON, Canada

Aug 2009 - Apr 2016

- Worked in **cross-functional teams** to elicit requirements, gather feedback on features, and implement requests to the satisfaction of clients.
- Made use of **SVN** to collaborate with a team in India. Successfully trained the lead of the offshore team.
- Responsible for **onboarding, training and mentoring** new hires.

Education

Bachelor of Engineering, Specialized Honours in Software Engineering

McMASTER UNIVERSITY

Hamilton, ON, Canada

Apr 2009

Related Projects

Document Management System (*Java, Spring Boot, Azure Cloud, Redis*)

TEAM LEAD, DEVELOPMENT LEAD, SOLUTION ARCHITECT

Client: Large Financial Institution

May 2023 - Present

- Responsible for planning, design, implementation, operation, and delivery of a net-new set of **microservices**.
- Utilizing **Java/Spring Boot** to develop the suite of services, and leveraging tools provided by **Microsoft Azure** such as **Azure DevOps, Azure App Services** to manage and deploy them.
- As a dedicated team lead, **fostering a culture of personal and professional growth**, actively supporting team members in their development, while also maintaining an open-door policy to listen to their concerns and **taking decisive actions to address them promptly**.

Personal Banking Services (Java, Spring Boot, Azure Cloud, Redis, Oracle WebSphere)

Client: Large Financial Institution

SENIOR DEVELOPER, TECHNICAL ADVISOR

May 2021 - May 2023

- Developed and executed a road map for **migration of a suite of microservices from on-prem to the cloud**.
- As the subject matter expert of the on-prem to cloud migration process, I was **asked to advise several teams** as they performed similar migrations.

Loan Origination System (.NET, Angular, Azure Cloud, C#, Cucumber, JavaScript, MS SQL, TypeScript)

Client: Mortgage Technology Solutions

QA, TEAM LEAD

Mar 2020 - Apr 2021

- In a QA role, utilized **Cucumber, JavaScript and TypeScript** to write automated tests of an **Angular** web application. Also performed and documented manual testing of functionality that could not be covered by automated tests.
- As a Team Lead, supported developers and QA to deliver functionality on time and according to spec.

Foreign Exchange Trading Platform (Java, JMS, MS SQL, Spring, TeamCity, IBM uDeploy, Gemfire)

Client: Large Financial Institution

JAVA DEVELOPER

Jan 2019 - Mar 2020

- Utilized **Spring** and **Tibco EMS**, an enterprise implementation of **JMS**, to implement and maintain a suite of back-end microservices.
- Participated in support activities for Production clients which involved tracing logs and code to locate defects.

Policy Manager & Contracts Manager (AWS, Grails, MySQL, Solr, Tomcat)

PolicyMedical

POLICY/CONTRACTS MANAGEMENT APPLICATION AND REGULATION AND STANDARDS MODULE

Apr 2016 - Jan 2019

- Made use of **Grails** and **AWS EC2, S3 & RDS** to extend and maintain a Web Application for Policy and Contract management, allowing for easy collaborative authoring, reviewing and reporting, etc.
- Collaborated with Regulatory Bodies creating **REST endpoints** to integrate functionality with other systems including importing Health Standards to link to Policies or Contracts for easier and more accurate auditing.