

# Amay Shah

Toronto, ON | 647-783-7330 | [amayshah924@gmail.com](mailto:amayshah924@gmail.com) | [amayexim.com](http://amayexim.com)

## SUMMARY

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- Skilled AEM Developer with 3+ years of experience in designing, developing, and implementing web-based applications using Adobe Experience Manager (**AEM 6.1, 6.4, 6.5**). I have a strong understanding of web development technologies and excellent problem-solving skills. I am also well-versed in Java, JSP, jQuery, Postman API, Python, C/C++, Linux, SQL, MongoDB, AWS, HTML, CSS, JavaScript, TypeScript, XML, JSON, Angular2, ReactJS, NodeJS, and Git
- Involved in **Editable templates**, **Experience fragments**, **Style system**, and **Responsive grid implementations**.
- Experience in **Sling Model** and **Sling Model Exporters** implementations. Developed **Custom components**, **Templates**, **OSGi components**, **Servlets** and **Workflows**. Good knowledge on AEM frontend implementations Sightly, Granite UI and Coral 3 and involved in customization on Granite UI. Involved in design and implementation of AEM modules with the development of web applications which has a functional capability like **WCM**, **Clientlibs**, **Digital Asset Management (DAM)**, **Dispatcher**, **Workflows**, **SEO** etc.
- Experience in **Multi-Site Manager (MSM)** to develop live copy from a blueprint. Solid understanding of **AEM building blocks**, **CRX repository**, **JCR**, **Apache Sling**, leveraging web content management components for customization and portion of websites. Worked on **Html**, **CSS**, **Bootstrap**, **JavaScript** and **jQuery**, **Json**, **Ajax libraries** to implement user interface screens and provide client-side validations.
- Proficient in JavaScript and TypeScript development, understanding concepts such as asynchronous programming, closures, types, and ES6 syntax. Experience in developing responsive web applications using **React.js**, with a solid understanding of **React hooks**, context, and **Redux for state management**.
- Skilled in **Angular development**, with a strong understanding of components, services, directives, modules, and other Angular concepts. Experience with **RxJS** and managing state with **NgRx**. Familiarity with **Express.js** for building **RESTful APIs**. Understanding of RESTful services, principles, and designing and developing REST APIs.

## RELEVANT EXPERIENCE

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### AEM Fullstack Developer

Mar. 2023 – Sept. 2023

*IBM – Self Employed*

*Remote: Toronto, CA*

- Gov. of Canada, Passport Application Development
- Created Sling servlet to handle adaptive custom submit action and get previously saved form.
- Created OSGi service to interact with REST API to save and retrieve the form data.
- Created OSGi configuration file (ocd) for API's URL and kept them in run mode specific config folder.
- Developed JUnit test cases for sling model, sling servlet, and OSGi service using Mockito.
- Worked on AEM Adaptive to develop renew passport application.
- Worked on adaptive form fragment to reuse in different sections of the form.
- Worked on adaptive form multi-panel to get address data also populate data if already saved on the backend.
- Developed adaptive form rule editor to achieve desired user interaction behavior and validation.
- Fixed accessibility defect to achieve behavior as per Web Content Accessibility Guidelines.
- Conducted peer code reviews to ensure the quality and efficiency of the code for the Sling servlets and OSGi services.
- Collaborated with the UI/UX team to enhance the overall aesthetics and user interaction with the adaptive forms.
- Designed and implemented a caching strategy for the OSGi service to improve performance and decrease the load on the REST API.
- Worked on error handling and exception management to provide meaningful feedback to the users when exceptions occur.
- Participated in Agile/Scrum meetings, including daily standups and sprint planning, to ensure effective team communication and project progress.
- Created and configured home page dynamic template.
- Created experience fragment for Header and Footer component.
- Hands-on experience with content approval workflow.
- Hands-on with custom component and sling model.
- AEM OSGi bundle and component development and Apache sling model integration.

- Technologies Used: Eclipse, AEM 6.5, Java, J2EE, JSP, Maven, JIRA, HTML5, JavaScript, CSS, JSON, Angular2, Postman API, CRUD, AWS.

## **AEM Fullstack Developer**

Jul. 2021 – Mar. 2023

*Maverick Innogarage Inc. – Self Employed*

*Remote: Toronto, CA*

- Designing modular and extensible CQ WCM components and services to suit the CQ requirements and following the industry standards.
- Customization of workflows, Event handler, Replication, OSGI Bundles, OSGI Configurations Services.
- Development and deployment of complex enterprise level CQ WCM application with high reliability.
- Played a key role in implementation of Authoring in AEM.
- Individually working on multiple projects and delivering on time.
- Developed custom components (extended widgets) and templates for various pages.
- Independently worked on whole site and designed solutions for all business scenarios.
- CQ Apache Felix monitoring and configuration. Technical and Business-related document creation for project.
- Participated in deployment and production process, including configuration, performance tuning and monitoring.
- Technologies Used: Eclipse, CQ5.5, AEM 6.2, Java, J2EE, JSP, Clear case, Maven, JIRA, HTML5, JavaScript, CSS, JSON.

## **Java Developer (AEM)**

Mar. 2019 – Jun. 2021

*NCR Canada – Self Employed*

*Remote: Montreal, CA*

- Java Developer: March 2019 - June 2020
- Installed, configured WebSphere 8.5.x in a cluster environment; Installed and configured AEM 6.0/6.1/6.2 on WebSphere 8.5.x on a clustered environment.
- Maintained applications and connection pools on a node basis using Deployment Manager (Dmgr).
- Administered components, templates, dialogs, and workflows of AEM.
- Installed, configured, troubleshoot AEM in development as well as system environment.
- Security of the websites configured at AEM web content management.
- Configured connection between Node agent and Deployment manager once the security is enabled.
- Installed and configured WebSphere on top of AEM using Linux and Windows.
- Configured DB2 as per AEM schema.
- Maintained Digital Asset Management.
- Experience in Performance Tuning WebSphere and AEM/ES4 Servers.
- Designed and developed various sites for internal usage.
- Designed various Correspondences for Customer Communications Dept.
- Built and supported enterprise web platforms.
- Developed and delivered applications with Adobe LiveCycle ES3/4 on a single J2EE Environment.
- Installed, configured WebSphere 8/8.5.x.
- Installed and maintained applications and connection pools using Deployment Manager Process. Generated documents, LiveCycle processes, maintained document process management using Adobe LiveCycle designer/workbench integrated with J2EE server solution.
- Administered components, templates, dialogs, and workflows of AEM.
- Designed and built components, templates, dialogs, workflows in AEM.
- Installed, configured, troubleshoot AEM in development as well as system environment. Configured Security Socket Layer (SSL) for verifying the identity of users accessing website over a network, or for verifying security of the content.
- Tested and Authenticated connection established between Node agent and Deployment manager once the security is enabled.
- Grouped servers using Clusters to propagate every resource added to the cluster be propagated to every server.
- Deployed WebSphere Application Server Network in clustered mode.
- Performed installation and configuration using shell scripts.
- Developed custom CQ5 components for Web Content Management.
- Proficiency in configuring CRX.
- Designed and developed components, templates.
- Integrated LDAP with AEM/ES4.

## TECHNICAL SKILLS

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**Languages:** Java | JavaScript | XML/XSLT | HTML/CSS | Python | C/C++ | JSP | JSON | SQL/PLSQL

**Frameworks:** Bootstrap | Angular2 | NodeJS | ReactJS | ExpressJS | AEM | JUnit

**Tools:** Git | Adobe Experience Manager (6.0, 6.1, 6.2, 6.3. 6.5) | AEM Designer | Adobe Work Bench/AEM Forms | CRX | Sling | OSGI | DAM

**Databases / OS:** DB2 | MySQL | Oracle | MongoDB | UNIX | Linux | Solaris | Windows | iOS

**Application Server:** WebSphere 8.5.x | JBoss 6.x/7.x

## EDUCATION

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**Woburn Collegiate Institute**

*Honors diploma*

2014 – 2017

*Toronto, CA*