

# Aakash Baskaran

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## SUMMARY

Results-driven Software Developer with hands-on experience building enterprise content management solutions and mobile applications using component-based architectures. Developed AEM-based digital experiences for Fortune 500 clients at Accenture while specializing in content authoring workflows and stakeholder collaboration. Subsequently expanded technical expertise at Zoho building scalable Android applications (100,000+ users) using Clean Architecture, MVVM, Jetpack Compose, and WebRTC framework, reducing crash rates by 25%. Currently pursuing Adobe Certified Expert – AEM Sites Developer certification while building production-ready components through open-source Sling project. Combines AEM proficiency (Sling, OSGi, HTL, JCR), full-stack development skills (Java, REST APIs, Spring Boot), and data analytics background (dual Canadian diplomas) to deliver scalable, performant digital experiences using Agile methodologies.

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## EXPERIENCE

### Android Developer | Zoho Corporation | Chennai | November 2021 – December 2022

- Developed native Android applications using Java and Kotlin, implementing Clean Architecture and MVVM design pattern to ensure maintainable, scalable, and testable codebase
- Built responsive user interfaces for mobile and TV applications using Jetpack Compose and traditional XML layouts, ensuring optimal user experience across diverse Android devices and screen sizes
- Integrated RESTful APIs and third-party services for real-time data synchronization, enabling seamless communication between client applications and backend systems
- Implemented WebRTC framework for real-time communication features, including debugging and optimizing call quality, connection stability, and network performance
- Collaborated in Agile development environment using Jira for sprint planning, backlog management, and cross-functional coordination with backend developers, designers, and QA teams
- Participated in code reviews and created technical documentation for component architecture, API integrations, and development best practices

### AEM Developer | Accenture | Bangalore, Karnataka | January 2021 – October 2021

- Developed AEM-based content management solutions for Chubb Insurance, configuring components, templates, and dialogs within AEM Sites architecture (Sling, CRX, OSGi)
- Collaborated with content authors and stakeholders using Agile methodologies to translate business requirements into functional AEM implementations
- Supported multi-site management and content authoring workflows, improving content publishing efficiency and ensuring governance standards
- Documented component usage guidelines and best practices to enable efficient content management by non-technical users

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## PROJECT

### Personal Portfolio | Personal | [github.com/ash6898/aakash-portfolio](https://github.com/ash6898/aakash-portfolio) | January 2026 – February 2026

- Built a portfolio website using Apache Sling to learn AEM development patterns through open-source tools.
- Created reusable components (Hero Banner, Project Card, Contact Form) with HTL templating, Sling Models for backend logic, and JCR for content storage.
- Implemented component variants using configurable properties and conditional rendering.

### Predictive Analytics for Customer Engagement | Academic Project

- Python | Machine Learning | Data Visualization
- Developed customer churn prediction model achieving 84% accuracy using Voting Ensemble (Logistic Regression + Random Forest) to identify at-risk customers
- Conducted exploratory data analysis, outlier detection (Isolation Forest), and feature engineering to optimize model performance and uncover behavior patterns
- Evaluated models using ROC/AUC curves and weighted recall metrics, documenting findings and improvement recommendations in Jupyter Notebook

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## EDUCATION

### Post-Graduate Diploma in Big Data | Conestoga College | Kitchener | 2024

### Post-Graduate Diploma in Data Analytics | Durham College | Oshawa | 2023

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## SKILLS

Sling Framework | OSGi Services | HTL (Sightly) | JCR | Component Development | Template Configuration | Workflow Management | Dispatcher Configuration | CRXDE Lite | Content Fragments | Experience Fragments | Core Components  
Java | JavaScript | HTML5 | CSS3 | XML | JSON | REST APIs | SQL | Maven | Git | Jenkins | JIRA | Android SDK | Kotlin  
Python | R | SQL | Tableau | Power BI | Apache Spark | Hadoop | Machine Learning | Data Visualization | Statistical Analysis | ETL Processes

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