SUBALAKSHMI MUTHUKANNAN

Senior Software Developer - AEM Development | Full-Stack Development

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PROFESSIONAL PROFILE

With over **7 years of professional experience**, I am passionate about leveraging my expertise in **AEM and full-stack development**, front-end technologies and cloud solutions to drive product innovation. A key highlight of my career includes leading a project that resulted in a 20% increase in user engagement.

WORK EXPERIENCE

Senior Software Developer
Globant
📅 09/2022 - 04/2025　📍 Bangalore, India

- Spearheaded the deployment of **AEM 6.4/6.5** across multiple environments, optimizing replication agents and Dispatcher to enhance content delivery and system performance for high-traffic applications.
- Engineered tailored AEM t**emplates, components, dialogs**, and **servlets** using **OSGi bundles** and frameworks like **Apache Sling and Apache Felix**, delivering flexible and scalable solutions.
- Architected and developed scalable **Java and Spring Boot microservices**, implementing an API gateway, load balancing, and resilient design principles to ensure high availability and reliability.
- Crafted responsive, **user-centric web interfaces** using JS frameworks to deliver seamless cross-device user experiences.
- Championed CI/CD processes using **Jenkins and Docker**, reducing deployment times by 50% and facilitating consistent, daily production updates.
- Enhanced team collaboration and efficiency by mentoring junior developers and promoting best practices for coding, performance optimisation and version control in a high-performance **Agile environment**.

Associate Web Developer
Novo Nordisk
📅 08/2021 - 09/2022　📍 Bangalore, India

- Configured and deployed **AEM 6.3** with Apache Felix Admin Console, enhancing content management through reusable templates, components, and dialogs.
- Reduced application load time by 25% by re-factoring inefficient code and **optimizing front-end assets**.
- Led design, development, and testing of AEM components and templates, adhering to best practices, including **unit testing**, and **collaborating with architects** to define architectural strategies.
- Engineered **Sling Filters, Servlets**, and Touch UI components with OSGi and **MSM for seamless integration**, modularity, and efficient multi-site content management.

Systems Engineer
Infosys
📅 06/2018 - 08/2021　📍 Chennai, India

- Developed and customised **AEM 6.2 Touch UI components** and templates, optimising functionality with **Sling Filters, HTL, and dynamic workflows**.
- Managed **digital assets** via DAM, Package Manager, and Replication Services, enhancing content management with dynamic forms and efficient issue resolution.
- Optimized **SQL and NoSQL database** queries, reducing load times by 20% and enhancing user experience
- Architected cloud infrastructure, managing **Amazon S3** for static content, SSL certificates, and ensuring security through **IAM, MFA, and CloudTrail** audits.

LANGUAGE

English
Native Speaker
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German
Beginner
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EDUCATION

Master's in Business Management
Anna University
📅 02/2020 - 08/2022　📍 Chennai, India

Bachelor's in Information Systems
Anna University
📅 06/2015 - 05/2018　📍 Coimbatore, India

PROJECTS

Responsive Website Development

Created a responsive, interactive website with HTML, CSS, JavaScript, and jQuery. It showcases courses and resources with a clean design and dynamic user experience. **GitHub link: github.com/subalakshmi98/styleNest**

Instant Mini FX Rate Calculator

Built a lightweight, high-performance currency converter optimized for real-time usage. **GitHub link: github.com/subalakshmi98/exchange-rate**

ACHIEVEMENTS

💙 **Pat on the Back Award**
Sole responsibility for a key project that resulted in a 20% upsurge in user engagement through intuitive feature enhancements.

⤴️ **Recognised as an Effective Team Member**
Built reliable full-stack solutions; swiftly adopted new tools to accelerate POCs and team progress.

SKILLS

AEM 6.2 - 6.5	Adobe Analytics	OSGI
Apache Sling	Apache Felix	Java/JEE
Servlets	HTL/Slightly	JSP
HTML5/CSS3	JS Frameworks	React
SQL	Node JS	Jenkins	Git/Bitbucket
CI/CD	Jira	AWS/OCI	Pingdom
Docker	Junit5	Bootstrap	Tomcat

CERTIFICATION

🎖️ **Adobe Certified Professional - 2022**

🎖️ **AWS Certified Cloud Practitioner – 2020**