Arun Sundaramoorthy

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SUMMARY

Staff software engineer with over 15 years of experience, specialized in Designing and developing Web application development with Java, Spring, React JS, Python, AWS. Deploy the app to AWS cloud with GitHub Actions in an Agile/Scrum methodology participating in all scrum events. Data Analytics experience with Python, Tableau and Power BI. Seeking to apply my comprehensive experience in software development, system design and secure the application platform.

EXPERIENCE

Intuit, **Technical Lead**
Jan 2025 - Present
Leading the team with Software Design and development. Responsible for developing api services for the lending application. Handling the deployment of the application to AWS using jenkins. This is the realtime application interacting with other applications.
Java 11, Spring Boot, Kafka, Docker, Kubernetes, MySql, Jira, Agile Methodology.

John Deere, **Staff Software Engineer**
Nov 2019 - Jan 2025
Hands-on experience with State machine step functions and Lambda (python) to calculate average earning in AWS and got 95% accuracy.
Created Rest API's with Java/Spring serving request from Frontend ReactJS.
Working with Aurora PostgreSQL RDS database to interact with app.
Experience working with MVC pattern in Spring boot Application.
Lead the hackathon which helped to move the jobs mainframe to AWS cloud.
Implemented Aspect J logging for the project.
Integrated OKTA authentication in the login module.
Created AWS resources through IaaC Terraform.
Hands on with GitHub Actions for CI/CD pipeline.
Migrated from a Monolith application to Microservices API.
Implemented the pipeline which deploys lambda function whenever a change is merged that helped customers to the functionality in production 3x times faster than usual.
Recommended Instance scheduler in AWS which will save cost for the team.
Reduced cost $1k to $2K in AWS by scheduling DMS service running once in 2 weeks to copy data AOM Metrics to EDL.
Worked on an innovative idea to deploy lambda function via GitHub action which reduced manual trigger time.
Improved the exception handling in the Rally Migration script which helped us to complete rally migration faster.
Completed development through TDD approach and increased coverage by 40%.

UBS, **Software Engineer**
Jun 2014 - Nov 2019
Owned few modules and been through the entire SDLC process. (Design, Develop, Test, Support).
Used Spring Boot with MVC and AOP.
Developed the User Interface Screens for presentation using Core Java 1.7, Struts1.2, Spring 4 (MVC, AOP�, JavaScript, JSON, AngularJS, JSP, JSTL, HTML, CSS and Sybase.
Interaction with client team to understand business requirements and develop the System.
Responsible for transposing the requirement document to application with demo.
Implemented iText API to generate PDF on the forecast module.
Highlight your accomplishments, using numbers if possible.

Northern Trust, **Associate Software Developer**
Jan 2010 - Jun 2014
Responsible for gathering requirement and document the design, Develop and support until it goes to production.
Configure MQ Queues in IBM MQ and integrate with Application to send and receive asynchronous messages between interfacing applications
Collaborated with Product SME's and BA's to implement the requirement.
Implemented SOAP web service in the application.

MTNL Mumbai, **Java Developer Consultant**

Sep 2008 - Jan 2010
Designed web pages to create new users by assigning some specific roles (performance, fault management, dashboard, etc.,) and assigning elements to users by Admin.
Responsible for implementing Hibernate with PostgreSQL.
In Fault Management, after formatting (converting alarms to TMF814 standard) the incoming alarms from the NE, it has been sent to the db. All the conditions like similar, clear, general alarms are matched.
Handled Telnet Alarms and XMC OMC�CN alarms from NE.
XMC OMC�CN has been done in 3GPP v6 standard.

Accent e Technology, **Software Developer**
Jun 2007 - Sep 2008
Worked on Designing and Developing Java Swing application.
Authenticating user with Smart card and Biometric device.
Implemented the application at client place.

EDUCATION

University of Iowa
Master • **Business Analytics** • *Jul 2020 - May 2022*

Pondicherry University
Bachelor • **Computer Science** • *Jul 2003 - May 2007*

LICENSES & CERTIFICATIONS

AWS Certified Solutions Architect – Associate
AWS • 263fa9b7d00f4d009631a5f821bc7b5d •

AWS Cloud Practitioner Certification
AWS • 9KMVMB7LKJ1QQ03E •

SCJP Certification
Sun • Issued Jun 2009

SKILLS

Software Engineering • System Architecture Design • Amazon Web Services • EC2 • S3 • ELB • Fargate ECS • ECR • Cloudwatch • API Gateway

HONORS & AWARDS

AWS Certified Solutions Architect – Associate
Amazon •
AWS Cloud Practitioner Certification
Amazon •
SCJP Certification
Sun •
Award for Above and Beyond
Developed new tool which used for merging Africa and Middle East sales channel. Saved countless hours of manual work for our business users & enabled a very profitable project that will also simplify things for our direct users and our dealers.