

# SUJITHA SURESH RAO

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- **Seasoned Software Engineer** with 9+ years of experience building, deploying, and maintaining enterprise-scale cloud-native applications in SAP ecosystems.
- **SAP Certified BTP Solution Architect** with deep experience in Cloud Foundry, event-driven architecture, SAP Build, API Management, and SAP Integration Suite across Concur, SuccessFactors, and S/4HANA platforms, including application development with SAP Joule.
- Deep expertise in Java, Spring Boot, Kubernetes (EKS), and AWS with a strong DevOps track record in CI/CD automation, containerization, and microservices design.

## WORK EXPERIENCE

### SAP Concur - SAP America • Atlanta

#### Software Developer & DevOps (T2 - L3)

Aug 2022 - May 2024

- Revolutionized data pipeline architecture, enhancing subscription reliability by 40% and enabling ingestion of over 2M records/hour in AWS cloud.
- Built and consumed RESTful APIs, fully documented with Swagger/OpenAPI, enabling smooth integration with internal and external systems.
- Automated infrastructure with helm-inspired modular templates, implemented containerized microservices on Kubernetes (EKS) and integrated CI/CD for zero touch deployments.
- Earned SAP BTP Solution Architect certification validating expertise in integration strategies, SAP build application development, event-driven systems using API Management.

### SAP Successfactors - SAP Labs • India

#### Java Developer (T2 - L2)

Mar 2020 - Jul 2022

- Engineered customized solutions with SAP Business Technology Platform and SAP Cloud Foundry using SAP HCM, SAP S/4HANA.
- Enhanced SAP Successfactors Employeecentral modules such as Payment Information, Address Validation, Document Generation using REST API and oData.
- Investigated and resolved client enquiries in a timely manner by providing on-call support.

### Unisys • India

#### Software Engineer

Apr 2018 - Mar 2020

- Spearheaded Java Applet replacement and SSL certificate validation, enhancing system security. Pioneered OpenJDK integration across products.
- Developed a proof of concept in REACTJS, exploring new frontiers in web applications.
- Implemented automated testing frameworks using JUnit and Mockito, achieving comprehensive test coverage and reducing production defects by 35%

#### Associate Engineer

Jul 2015 - Apr 2018

- Modernized Unisys Java Product Suite such as WebAppSupport, NX/Atlas Web Server, AISJAVA Java EnvironmentTechnology, Web Enabler delivering tangible improvements.
- Collaborated effectively with distributed teams across multiple time zones using agile Scrum methodology, contributing to sprint planning, daily standups, and retrospectives.

### Spectrum Softtech Solutions Pvt. Ltd. • India

#### Summer Intern

Jun 2014 - Jul 2014

- Collaborated with the development division to implement 5 core projects utilizing Servlet, JDBC, JSP technologies that resulted in a reduction of latency delays by over 30%

## EDUCATION

### Master of Science in Computer Science - Part time

Georgia Institute Of Technology • Atlanta, GA

Jan 2026 - Present

### Bachelor Of Technology in Computer Science and Engineering

Govt. Model Engineering College, India • Kochi, India • GPA: 3.9/4.0

Apr 2015

## SKILLS

### Programming & Frameworks:

Java (8+), Spring Boot, Python, REST APIs, C++, C, JavaScript, ReactJS, Shell Scripting, Swagger, OpenAPI, OData, Gen AI, HTML, CSS, Prompt Engineering, JSON

**Cloud & Containerization:** AWS Cloud Platform, EC2, S3, IAM, Kubernetes, Docker, Apache Spark, Camel, Kibana, Cloudwatch, Kafka

**SAP Systems:** SAP Concur, SAP SuccessFactors HCM, SAP S/4HANA, SAP BTP, Employee Central, Cloud Foundry, Multi-Tenant Architecture, SAP Integration Suite, SAP Joule, SAP Build, Integration Suite

**Database Management:** MySQL, Oracle, SAP HANA, MDF, DynamoDB, Redshift

**Authentication & Security:** JWT, X.509 Certificates, OAuth 2.0, SSL Certificate Validation

**Iac Tools:** Terraform, Helm for Kubernetes, Cloudformation

**DevOps & Build Management:** CI/CD Pipelines, Jenkins, GitHub Actions, Gradle, Git, Artifactory, Whitesource, RPL, AWS Codebuild

**Testing & Quality:** JUnit, Mockito, Automated Testing, SonarQube, CodeQL, Checkmarx

## CERTIFICATIONS & AWARDS

### SAP Certified - Solution Architect - SAP BTP

SAP - 2026

### DevOps Professional Certificate

PagerDuty - 2025

### IBM Certified AI Developer Professional

IBM - 2025

### Gen AI for Software Development

Deep Learning.AI - 2025

### SAP Quarterly Thank Award, SAP Covid Recognition

SAP - 2021, 2022