

DEEPAK NALLA

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Senior Software Engineer with 7+ years of expertise in modern Java 17/Spring Boot/Microservices stack looking for new opportunities to work on highly visible and scalable applications. Experienced in Databases, Distributed Systems, AI/ML and IAM backend work.

WORK EXPERIENCE

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| PRESENT Feb 2024 | (Senior) Application Engineer <i>Vanguard - Malvern, PA</i> <ul style="list-style-type: none">Building scalable, performant API's and microservices for VG's Personal Investor site.Leveraging AWS cloud to architect, build, deploy, and manage services.Worked on converting REST API's to Federated subgraphs in GraphQL for Supergraph initiative.Implementing Okta and Auth0 in our webservices to allow tokens from those issuers.Converting Java projects from Java 8/11 to Java 17+ and Spring 5+. Modernizing legacy code.Worked on AI Initiatives in the org, trying to evangelize AI-assisted coding with Cursor, and Claude Code. And creating POCs to utilize LLMs to help with observability, and monitoring of apps |
| JAN 2024 June 2022 | Career Break/Software Engineering Consultant <i>Self Employed - WFH</i> <ul style="list-style-type: none">Worked on side projects in AI/ML LLM's and developing mobile apps.Learning and working with other languages such as Kotlin, Scala, Go. |
| JUN 2022 Apr 2021 | Senior Software Engineer (Fortune 20 Healthcare Client) <i>Cognizant - WFH</i> <ul style="list-style-type: none">Developed web apps for mobile use on Android with Java, Javascript frameworks like React, UI libraries such as Material.io, REST Web Services.Part of IAM team and was responsible for integrating OAuth with REST APIs to validate users. Implemented JWT-based authorization to communicate securely between client-server and API'sContainerized the project with Docker and used Openshift for managing it.Coordinating team efforts (offshore and onshore) in managing sprint deadlines, code reviewing, gathering requirements, and feedback from client/product owners.Maintaining an effective, yet organized codebase and resolving merge conflicts with proper resolutions. Following and setting standards with team.Performing duties as tech-lead on projects. Mentored Junior devs. |
| APR 2021 Nov 2018 | Software Engineer (Fortune 100 Life Insurance Client) <i>Cognizant - Milwaukee, WI</i> <ul style="list-style-type: none">Developing dashboard web applications using Java, Javascript frameworks, REST Web Services and a MongoDB database layer to process and store data.Migrating project to AWS RDS, and EC2 serversConfiguring, managing, and monitoring production servers, non-prod deployments. |
| Nov 2018 June 2017 | Java Developer/Analyst (Travel Reservations Client) <i>Cognizant - Atlanta, GA</i> <ul style="list-style-type: none">Developed new application to convert data for transactions from X-file to EDI format by analyzing old application to gather specifications, and migrated over to new Java based architecture. |

TECHNICAL SKILLS

Java 17+, SpringMVC/Boot/Data JPA/Security, JavascriptES6+(jQuery, React, Angular, node.js), Typescript, Scala, Kotlin, .NET, C, Python, BASH/ZSH, Ruby, PHP, Golang

Git, Github, Bitbucket, Eclipse, IntelliJ, VSCode, Cursor, Claude Code, Copilot, Windsurf, MongoDB, DuckDB, SQLite, MySQL, SQLServer, PostgreSQL, REST/SOAP API, Postman, OAuth 2.0, OIDC, SAML Swagger, Hibernate, JDBC, RMI, gRPC, JSON, XML, GCP(Bigtable, TensorFlow, Firebase), Heroku, AWS (EC2, RDS, DynamoDB, Aurora, S3, MapReduce, ECS, EKS, Sagemaker, Bedrock), Maven, Gradle, Mockito, Ansible, Jira, Dynatrace, Splunk, Openshift, ELK stack (Elasticsearch), Grafana, Prometheus, Docker, Kubernetes, Redis, Cassandra, Memcache, Kafka, RabbitMQ, Vert.x, RxJava, Quarkus, Microprofile, Honeycomb.io

EDUCATION

MAY 2017 | **Bachelor of Science, Computer Science**
Rutgers University, New Brunswick, NJ

Certifications- AWS Cloud Practitioner (Exp. Dec 2021) Currently working on AWS Cloud Solutions Architect |