Vinodh B███████████

Senior Software Engineer adept in
Java, Microservices and AWS

Chennai, India | Born 31/05/1983 | ████████████████

I'm an Indian citizen and I can provide my own visa/work permit
for Germany within 5-8 weeks. My notice period is 30 days.

TECHNICAL SKILLS

Java (16 years of project experience) | Spring (4) | Spring Boot (4) | Microservices (4) | AWS (6) |
Rest APIs (5) | SQL (6) | PostgreSql (6) | MongoDB (3) | Cassandra (5) | Redshift (5) | Spark (3) |
Scala (3) | Hibernate (3) | Kafka (2) | ActiveMQ (1) | Redis (1) | Docker (1) | Kubernetes (1) | Jenkins
(2) | Maven (5) | Gradle (1) | JBossFuse (2) | Junit (4) | Mockito (4) | Cucumber (1) | SonarQube (2) |
Kibana (1) | Eclipse (10) | Intellij (4) | Javascript (1) | HTML (1) | CSS (1) | jQuery (1) | Postman (4) |
Git (4) | Jira (7) | Agile/Scrum (10)

WORK EXPERIENCE

09/2023 – today

Senior Java Developer
Appian, Chennai, India
Project: ProcureSight - AI-Driven Public Procurement Platform used by
US Federal government officers (U.S. Air Force, U.S. Army) and Agencies
with 200+ government agencies.

- Product Design and Architecture: Led the brand new product design
  and architecture from scratch of ProcureSight, including tech stack
  selection (Java 17, AWS Generative AI, AWS Lambda, Spring Boot,
  Microservices, Postgres Vector Database, Docker, Kubernetes) and
  developing a comprehensive technical roadmap.
- Implemented Generative AI for the RFQ process, enabling AI-driven
  insights and semantic searches for improved data retrieval and
  decision-making.
- Reduced Rest API response by 30% by implementing a materialized
  view for filters & pre-warming index which increased overall
  application performance while ensuring scalability and reliability.
- Ensured robust security measures and compliance with federal
  standards, integrating secure REST APIs and microservices.
- Provided end-to-end product development leadership by leading an
  Agile team of 7 developers, achieving 99.9% uptime and enhanced
  security compliance for government clients.
- Impact award winner in Appian for delivering a brand new product
  release in 3 months.

Technologies Used: Java 17 | AWS Generative AI | AWS Lambda | REST
API | Spring Boot | Microservices | Postgres Vector Database | Docker |
Kubernetes.

02/2022 – 08/2023

Java Developer
Zumen Inc, Chennai, Indian
Project: Zumen - US-based startup (5.03M$ funding) SaaS company,
offering aSource-to-Pay Software for Product Manufacturing Company
used by leading manufacturing companies including Escorts, Pricol.

- Technical innovation and Scalable solution: Identified and addressed
  bottlenecks in the design and architecture, enhanced the overall
  system, and fine-tuned the application.

- Code refactoring for the RFQ page through a chain of responsibility design pattern reduced application page response timings by 80%.
- Performance optimization: Dashboard performance tuning through an Event-driven mechanism brought down response time by 99.5%
- Responsible for end-to-end solutions in this startup company. Coding, code review & Test-driven development.
- Received the **MakingAnImpact** award for my performance at Zumen.

Technologies used: Java 17 | AWS | Spring Boot | Microservices with Kafka | Rest API | MongoDB | Postgres | Redis | Junit | Mockito.

06/2011 – 02/2022	**Java Backend Lead**

SopraSteria, Chennai, India (Hybrid on site in London)
Project: Market Data Processor - Big Data Fintech SaaS for UK Governamental Finance Regulator (FCA) used by the London Stock Exchange. Led a team for developing the backend software using Java, Spark, Cassandra and Scala deploying it on AWS. Processed 60M trading transactions per day, used by 200 firms. **Technologies used:** Java 17 | AWS | Spark | Scala | Cassandra | Jboss Fuse | Redshift | Aurora MySql.

03/2010 – 05/2011	**Java Developer**

Tata Consultancy Service, Chennai, India
Project: Composite - Personalized, in-house midware backend system to analyze retail data for Nielsen's (US-based). **Technologies used:** Java | Java Design Pattern | MySql | Junit.

03/2008 – 03/2010	**Junior Java Developer**

Temenos, Chennai, India (Hybrid on site in Geneva)
Project: Temenos Application Framework Java (TAFJ) - Banking compiler to migrate the fintech software to Java used by major banks in Europe. **Technologies used:** Java | Oracle DB | Junit.

EDUCATION

06/2003 – 06/2006	Master of Computer Application, Madras University, Chennai, India
06/2000 – 06/2003	Bachelor of Science, Computer science Madras University, Chennai, India

ACHIEVEMENTS

Impact award winner in Appian for delivering a brand new product release in 3 months | **MakingAnImpact** award in Zumen Inc.

LANGUAGE SKILLS

English (C2) | Tamil (Mother tongue) | German (A2, currently learning)

HOBBIES

Film making | Solo Traveler

Bvinodh