

Deepak N N

+91 7559825715 | deepaknofficial@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

An experienced Software Engineer with a B.Tech. in Information Technology and nearly half a decade of hands-on experience in the software development industry. Demonstrated expertise in designing, developing, and deploying innovative solutions for various organizations, with a focus on scalability, reliability, and performance optimization. Proficient in a wide range of technologies and languages, including Java, Spring Boot, SQL, and more.

EDUCATION

APJ Abdul Kalam Technological University

Bachelor of Technology in Information Technology, Jul 2019

GPA: 7.18

EXPERIENCE

Senior Software Engineer | Accenture

Jul 2021 - Present

Client: Visa (Java, Spring Boot, PostgreSQL, Docker, Jenkins, Bitbucket, Maven, Kafka, Splunk)

- Contributed to the development of Visa TokenID TSP (Token Service Provider), an end-to-end SaaS solution for the generation, issuance, and management of network tokenization.
- Transformed an On-Premise solution into a scalable, highly available SaaS model while adhering to strict SLAs to ensure flawless transaction completion.
- The robust architecture developed is integral to the payments industry, minimizing downtime and transaction failures to prevent substantial financial loss and maintain customer trust.

Client: Aon (Java, Spring Boot, SQL Server, MQ - Azure Cloud Service Bus, Gradle)

- Developed the Aon Web Editor application, an underwriting tool that enables loading, editing, and finalizing policies from a browser. The application supports a variety of risk-mitigation products including commercial risk, investment, wealth, health, human capital, and reinsurance solutions.
- Built the application using Java, Spring Boot and Spring MVC, backed by an SQL Server database.
- Developed ETL Tool for loading policy data into the web editor application, enhancing the efficiency and accuracy of data handling.
- Also contributed to the development of the LRS Print application for printing policies, ensuring seamless policy management.

Software Engineer | Pramati

Jun 2019 – Jun 2021

Product: SwiftQuote (Java, Spring Boot, PostgreSQL, HTML, CSS, JavaScript, RESTful APIs, AWS, Docker)

- Developed SwiftQuote, a SaaS application that enables insurance agents/brokers to swiftly create quotes for their clients from various third-party insurance companies.
- The application is designed with a multi-tenant microservice architecture and database design, allowing for scalability to accommodate any number of tenants.
- Developed necessary microservices for the application using Java and Spring Boot, ensuring robust and efficient functionality.
- Handled deployment of both backend and frontend applications, ensuring smooth operations and updates.

Client: Sema4 (Java, Spring Boot, MySQL, HTML, CSS, JavaScript, CI/CD, Jira, Agile Development)

- Developed a patient-centered health intelligence application aimed at advancing healthcare through data-driven insights.
- The application facilitates lab management, patient sample testing process, online medical test booking and appointment scheduling.
- Responsible for developing backend APIs essential for the application's functionality.
- Developed an admin dashboard for effective management and oversight.
- Contributed to the development of the frontend of the application, enhancing the user interface and experience.

PROJECTS

Heimdall - Monitoring and Alerting Library for Spring Boot

- Developed Heimdall, an aspect-oriented programming library for Spring Boot applications, enabling method call logging and error alerting.
- Features include method call logging, capturing method arguments and return values, and sending email alerts for errors.
- Provides customizable configuration options for email settings, logging preferences, and queue size management.
- Integrated seamlessly into Spring Boot applications through annotations like *@EnableHeimdall*, enabling real-time monitoring and proactive issue detection.

Doctorspace - Registry for Medical Practitioners

- Developed a secure registry system for medical professionals, ensuring reliable data management and accessibility.
- Implemented token-based authentication and asynchronous data processing for efficient handling of medical practitioner data.
- Scheduled tasks enabled timely updates from external sources, maintaining the registry's accuracy and relevance.
- Improved accessibility and reliability for healthcare organizations and regulatory bodies seeking comprehensive medical professional information.

Document Explorer - Resume Filtering and Clustering Application

- Developed a robust application to streamline the recruitment process by enabling efficient exploration and filtering of large volumes of resumes.
- Implemented document parsing using Python to extract relevant information from resumes.
- Integrated Apache Solr for powerful and fast search capabilities.
- Employed Carrot clustering engine to group resumes based on skills, improving the efficiency of candidate selection.
- Utilized FoamTree for hierarchical data visualization, facilitating a user-friendly interface for recruiters to navigate through clusters of resumes.

TECHNOLOGIES AND LANGUAGES

- Java, Python, JavaScript, HTML, CSS, SQL, No SQL, Jenkins, Docker, Design Patterns, OOP, AOP, TDD
- Spring Boot, PostgreSQL, SQL Server, Git, Kubernetes, Unix, GCP, AWS, Azure, CI/CD, RESTful APIs