Parag Khankari
Full Stack Java Developer

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PROFESSIONAL SUMMARY

- 5+ years of experience as a **Full-Stack Java Developer** with a proven track record of delivering robust, scalable and secure enterprise applications.
- Proficient in designing, developing and deploying complex systems using a diverse range of technologies, including Java, Spring Boot, Spring Security, Hibernate, JPA, ES6, PostgreSQL, MongoDB, Angular, Express.js, React, TypeScript, GraphQL, RESTful APIs, Microservices, Docker, Kubernetes, AWS, Azure, CI/CD, Jenkins, GitHub Actions and more.
- Experienced in implementing best practices for software development, including unit testing, integration testing, and code quality assurance.
- Adept at collaborating with cross-functional teams to deliver high-quality solutions that meet business objectives.
- Passionate about leveraging cutting-edge technologies to create innovative and impactful applications.

TECHNICAL SKILLS

Programming Languages:	Java, TypeScript, JavaScript
Frameworks:	Spring Boot, Hibernate, JPA, React.js, Angular, Apache Camel
Frontend Technologies:	HTML, CSS, Bootstrap, Chart.js, D3.js
Backend Technologies:	RESTful APIs, GraphQL, OAuth 2.0, JWT, FHIR, HL7
Databases:	PostgreSQL, MongoDB, Redis
Cloud Platforms:	AWS (Elastic Beanstalk), Azure
DevOps & CI/CD:	Docker, Kubernetes, Jenkins, GitHub Actions, GitLab, Maven, Jenkins Pipelines
Testing Tools:	JUnit, TestNG, Mockito, Selenium, Postman, SOAP UI, JMeter
Version Control:	Git, GitHub, GitLab
Logging & Monitoring:	Log4j, SLF4J, ELK Stack, Grafana
Methodologies:	Agile, Scrum
Development Tools:	Eclipse, Swagger, UML Diagrams, Flyway
Analytics & Reporting:	Tableau, Power BI, Chart.js, D3.js
Security:	Spring Security, SAST, DAST, PCI-DSS, GDPR, HIPAA
Other Tools:	Apache Kafka, Redis, EHR/EMR Systems Integration

PROFESSIONAL EXPERIENCE

McKesson – OH | Sep 2023 - Present
Full Stack Developer

- Reduced API response time by 40% by designing and implementing a microservices architecture using **Spring Boot** and **GraphQL** APIs, enhancing system scalability and performance for healthcare data exchange.
- Achieved 100% **HIPAA** compliance by integrating **OAuth 2.0** and **JWT** for secure user authentication and authorization, ensuring robust protection of sensitive patient data. Configured **Jenkins** pipelines for automated builds and deployments.
- Leveraged **ES6** features like arrow functions, template literals and restructuring within **Angular** components to improve code readability, maintainability and development efficiency.
- Developed dynamic& responsive frontend applications using **Angular**, **TypeScript** & **Bootstrap**, adhering to WCAG guidelines for accessibility & usability in **healthcare** portals.
- Implemented robust back-end services with Java, Spring Boot, and **Hibernate/JPA**, ensuring seamless data persistence and compliance with healthcare standards. Conducted unit and integration testing using **JUnit 5, TestNG** and **Selenium**.
- Engineered and implemented **Express.js middleware** for rate limiting and request validation, resulting in enhanced API security and a 35% reduction in server load while handling sensitive healthcare data transactions.
- Implemented **Azure API Management** to streamline and secure **API** integrations across healthcare systems, ensuring seamless communication, compliance with FHIR standards, and reducing API latency by 20%.
- Created highly efficient **RESTful APIs** & GraphQL endpoints, enabling seamless integration between healthcare systems and improving data access speeds by 30%. Implemented **SAST** and **DAST** tools to identify and mitigate security vulnerabilities.
- Reduced deployment cycles by 50% by automating **CI/CD** pipelines with **Docker**, **Kubernetes**, **GitHub** Actions, ensuring faster & more reliable delivery of software updates-validated API functionality & performance with **Postman**, **SOAP UI** & **JMeter**.

- Enhanced database performance by optimizing complex queries in **PostgreSQL** & **MongoDB**, resulting in a 25% improvement in data retrieval times. Designed interactive dashboards using **Chart.js** and **D3.js** for healthcare analytics.
- Facilitated seamless interoperability by integrating **EHR/EMR** systems using **Apache Camel**, **FHIR** & **HL7** standards, ensuring accurate and timely data exchange. Implemented Flyway for database version control, streamlining schema updates.
- Monitored application performance using **ELK** Stack and created dashboards with **Grafana**.

Deloitte – India | Jul 2020 – Aug 2022
Full Stack Developer
- Designed and developed a scalable **e-commerce** platform utilizing a microservices architecture, achieving a 40% improvement in system scalability and a 55% reduction in deployment time.
- Implemented and secured **RESTful APIs** with robust authentication and authorization mechanisms leveraging Spring Security, resulting in a 70% reduction in potential security vulnerabilities.
- Significantly optimized database query performance by strategically applying advanced Hibernate techniques and JPA implementations, leading to a 35% increase in data retrieval and processing speed.
- Developed highly responsive and engaging user interfaces using **React.js**, resulting in a 45% enhancement in mobile user engagement. Developed and deployed robust backend services utilizing a Spring Boot microservices architecture.
- Created comprehensive and well-documented APIs using **Swagger** to facilitate seamless integration and collaboration.
- Implemented advanced caching strategies with Redis to significantly improve application performance and user experience.
- Configured and maintained robust continuous integration and deployment **(CI/CD)** pipelines using **Jenkins** and **Docker** to streamline development and release processes.
- Implemented comprehensive unit and integration tests using **JUnit** and **Mockito** to ensure code quality, reliability and maintainability.
- Managed and maintained cloud infrastructure and deployments on **AWS**, ensuring optimal performance, scalability, and cost-effectiveness.
- Actively participated in agile sprint planning and retrospective meetings to contribute to **team** goals, identify areas for improvement, and foster a collaborative and productive work environment.

Cognizant – India | Jun 2018 – Jun 2020
Full Stack Developer
- Implemented mission-critical **microservices**-based banking application using **Spring Boot**, strategically reducing system architectural complexity by 40% while significantly enhancing horizontal scalability for enterprise-grade financial platforms.
- Engineered highly secure RESTful API ecosystem with advanced **OAuth2** and **JWT** authentication protocols, mitigating potential security vulnerabilities and reducing unauthorized access attempts by 65% across sensitive banking infrastructure.
- Developed comprehensive error handling and sophisticated logging frameworks leveraging **Log4j** and **SLF4J**, dramatically improving system reliability & proactively reducing operational downtime by 30% in mission-critical banking environments.
- Constructed rigorous unit and integration test suites utilizing **JUnit**, **Mockito**, and **Selenium**, achieving industry-leading 85% code coverage and ensuring robust quality assurance for complex financial transaction processing systems.
- Designed and implemented responsive, intuitive frontend components using **Angular** and **React.js**, optimizing user experience across multiple devices and ensuring seamless interaction for banking customers on web and mobile platforms.
- Orchestrated advanced CI/CD pipeline configurations using **Jenkins** and **GitLab**, streamlining deployment workflows, reducing deployment time by 50%, and minimizing manual interventions in continuous integration processes.
- Implemented event-driven microservices communication architecture using **Apache Kafka**, enhancing real-time data processing capabilities and enabling efficient, low-latency **financial** transaction management.
- Provisioned and managed scalable cloud infrastructure on **AWS**, implementing cost-effective solution deployment strategies with emphasis on security, compliance, and performance optimization for banking applications.
- Executed complex database migration strategies and implemented sophisticated schema designs using **Hibernate**, **JPA**, and **PostgreSQL**, ensuring data integrity and smooth transactional processing in high-volume banking environments.
- Facilitated cross-functional collaboration using **Agile Scrum** methodology, driving efficient communication and accelerated product development cycles within multidisciplinary banking technology teams.
- Integrated sophisticated payment gateway solutions with core **banking** systems, ensuring seamless transaction processing, **PCI-DSS** compliance, and robust financial technology ecosystems.
- Implemented stringent security protocols adhering to **PCI-DSS**, **GDPR** and **RBI** regulatory compliance standards, safeguarding sensitive financial data and maintaining the highest levels of information security.

EDUCATION

Master of Science in Information System - Northeastern University, Boston, MA, USA.
Bachelor of Computer Science - Savitribai Phule University, Maharashtra, India.