Deepak Pathak

Lead Software Engineer with 15yrs+ of hands-on experience in the full life cycle of software development, project management, industries like Gift Cards, Payments, Retail and Digital Distribution.

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WORK EXPERIENCE

FIS, USA — *Lead Software Engineer*
2016 - Present
- Works in an agile software development team to complete various epics through sprints.
- Communicates with business users and leadership and involve in planning and designing architecture for applications and lead them.
- Responsible for technology upgrades, recommending right tools and frameworks, and taking the lead in setting up these tools.
- Leading the projects like redesigning of modules built with older technology to new technology and frameworks.
- Coordinate closely with business users and support team to respond quickly to any production issues, resolve them, and propose permanent fixes.
- Designing system component, architecture, network, data flow diagrams. Involves in audits and review process.
- Plays role of Scrum Master, coordinates with onsite/offshore team, business owners and mentor them in solving technical or functional challenges.
- Writes modular, secure, and well-tested code in Java, using well known frameworks.

FIS, India **—** *Development Supervisor*
2009 -2016
- Led the team of developers and QA and mentor them to understand business requirements and translate them into technical solutions.
- Involved in project planning, initiating, executing, and closing activities. Responsible for offshore deliverables.
- Generating reports, presentations, and charts for stakeholders and management.
- Wrote application modules, test, reviews, and documentation of various application.

HCL/Wipro Energy/Petrolink, India – *Project Lead*
2005-2009
- Involved in software development life cycle like requirement gathering, designing, coding, testing, releasing code to production.
- Explored Energy sector domain, worked on various downstream oil exploration systems.
- Built POCs around big data technologies like Hadoop, Map Reduce, Apache Spark, Zookeeper, Kafka, Cassandra.

PROJECTSs

Database & Infrastructure Migration – *Blackhawk Networks Holdings*
Pleasanton, CA
- Building strategy for smooth migration of catalog and order processing system from DB2 to MySQL database and Datacenter to AWS cloud.
- Explored various application and data migration strategies like lift & shift, Amazon Data Migration Service, Attunity
- Working closely with the DevOps/Cloud Ops team in setting up Amazon cloud infrastructure and CI/CD pipeline.
- Resolving migration challenges from infrastructure, network, application, SQL objects, SQL queries and communication with other systems.

SKILLS

Languages/Platforms - Java, Python, Spring Boot 2.0, Spring JPA, Spring Batch, Hibernate, REST Services, SOAP Services, Tomcat, JBOSS

Database – SQL, DB2, MySQL, Stored Procedures, Views, and Triggers, Functions.

Others - Git, Maven, Jenkins, AWS Services, Lucid Charts, Draw.io

EDUCATION

Master's In computer application
2002-2005, HNB Garhwal Central University, Sri Nagar, UK, India

Bachelor's In computer application
1998-2001, CCS University Meerut, UP, India

CERTIFICATIONS
Project Management Professional (PMP)
Project Management Institute, US

Lawson Japan Services – *Blackhawk Networks Holdings*
Pleasanton, CA
- Lawson Japan is a leading Supply Chain Partner in Japan. In order to maintain supply chain two microservices and Frontend is developed for Blackhawk Japan.
- Microservices are developed on Spring Boot framework, and Spring Async for file processing system, and interacts with frontend application developed in Vue.js with multilingual support.
- Key Framework and Technology used are - Spring Boot 2.0, Apache iBATIS, Spring Async, Redis Cache, AWS Cloud Services.

Campaign Management Services – *Blackhawk Networks Holdings*
Pleasanton, CA
- As a part of Blackhawk Microservices API Ecosystem, Campaign Management is a microservice that manages the ongoing campaigns and future campaigns for catalogs.
- Microservice integrates with some other microservices like Partner Service, Client Service, Catalog Service.
- Purely developed on Spring Boot Framework and AWS Cloud Infrastructure.
- API is consumed by other microservices as well as Frontend Application developed in Angular.
- Key Framework and Technology used are – Spring Boot, Map Structs, Liquibase, JPA.

Catalog and Order Processing System – *Blackhawk Networks Holdings*
Pleasanton, CA
- Catalog and Order Processing system for Digital and Brick & Mortar stores and products. This system primarily consumes master data, sales data, setup partners for assignments, approvals, generate planograms and generates products catalogs and orders based on business requirement.
- This system consists of Web Application, REST APIs, Scheduled and non-scheduled batch jobs.
- Enhanced various modules of application, bug fixes, wrote code, SQL queries, reviews, perform testing, build, deployment activities.
- Upgraded source code repository, build process, and deployment and project source code to advanced technologies.

Business Services – *Bento for Business Services*, *San Francisco, CA*
(Offshore)
- Bento Payment Platform used to issue and manage an Expense Management Card to the employees of small and medium sized businesses (SMB).
- Used by small and medium sized businesses to issue expense card to their employees, to transact on affiliates location, reporting on expenses by employees on various search parameters, web application & mobile application to perform configuration, view reports, card issuance, employee setup, card activation and deactivation, merchant enrollments and use offers.
- Involved in business and functional requirement analysis and technical design with client and development team of backend API.
- Lead the development teams and assess and manage functional and non-functional requirements and ensure that they are addressed with the most optimal technical solutions.
- Framework and Tools: Spring, Hibernate, JEE, Java, JavaScript, jQuery, Web service (REST) MySQL and Tomcat 7, Git, Bootstrap.

Rapid Credit API – *Sears Holdings, Chicago, IL*
(Offshore/Onsite)
- Rapid Credit System is to provide credit cards on any purchase at Point of Sale.
- This system receives an incoming request and communicates with three different credit limit providers to provide the best credit limit to the user.
- SOA Architecture, Developed Restful Services API using Apache Jersey.
- Framework and Tools: Core Java, JDBC, spring, Struts, JSP, Restful Web Services using Jersey, Mina, Log4j, JBOSS 4.2, Star UML, Eclipse.

ONGOING LEARNING

Certificate Program in Data Science
University of Berkley Extension, CA, USA

Certificate in Deep Learning/Computer Vision/Natural Language Processing
Ineuron.ai institute, India

CONNECT

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