

BIPUL RANJITKAR

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JAVA DEVELOPER

Proactive Software Developer with 4 years of hands-on experience enhancing features, automating processes, maximizing quality, and streamlining integration for complex projects. Contribute to all phases of software development life cycle in Agile environment. Skilled in using technologies such as Java, Spring Boot, Hibernate, Typescript, MS SQL, SSIS, React, Angular, Tableau, Postgres, Git, and Jira.

Software Development Life Cycle • Requirements Analysis • Architecture Design • Code Review
Data Structures / Collections • Unit Tests • Troubleshooting • Development / Implementation

Languages: Java, C#

Web: HTML, CSS, TypeScript, AJAX, JavaScript, jQuery, Bootstrap, React

Web Services: RESTful

Web and Application Servers: IIS, Apache, Tomcat

Frameworks: ASP.NET, Angular, Node.js, Express, Spring Boot, Hibernate, JPA

Databases: MS SQL, Postgres, MySQL

Design Patterns: Factory, Abstract Factory, Singleton, Dependency Injection, Lazy initialization

SDLC: Scrum, Agile, TDD

Tools: Tableau, Dundas BI, Jira, GIT, Postman, SSIS, Pentaho, SSAS, IntelliJ, Eclipse, Visual Studio, Redis, StarUML, Kanban, Maven, RabbitMQ, ActiveMQ, Kafka, Zipkin, Sleuth, Docker

Platforms: Windows, AWS

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

VERISK NEPAL, Lalitpur, Kathmandu, Nepal • 2018-2022

Software development and Information Technology service support center.

Software Engineer (2019-2022)

Led development, support, and feature enhancement of internal tools and product suite for Worker's Compensation Suite. Contributed to all phases of software development life cycle in Agile environment.

- Generated and analyzed requirements for new products, services, and tools.
- Built and updated data warehouse from source database based on requirements.
- Designed functional and interactive dashboards for data warehouse users using BI tools.
- Streamlined integration of analytics dashboard and ticking API into web applications.
- Automated data load process using Pentaho and SSIS.
- Implemented troubleshooting of critical daily ETL and data warehousing.
- Contributed to documentation, reporting, and knowledge transfer sessions.

Technologies Used: C#, Typescript, AngularJS, .NET Core, IIS, MS SQL, Postgres, Tableau, SSIS, SSAS, Pentaho, Git, Jira, Bamboo, Redis, Visual Studio, SSMS, AWS.

Associate Software Engineer (2018-2019)

Contributed to development of numerous products and internal tools for Worker's Compensation Suite.

- Gathered detailed requirements and performed analysis to develop new products, services, and tools.
- Performed Ad Hoc analysis to generate reports and visualize data.
- Prepared product and development documentation.
- Ensured update of data warehouse from source data while meeting client requirements.
- Built interactive and visual dashboard for users from data warehouse.
- Created automated data load process using SSIS.
- Completed complex projects on time despite challenging deadlines.

Technologies Used: C#, .NET Core, ASP.NET, ASP Webforms, IIS, MS SQL, Dundas BI, SSIS, SSAS, SVN, Jira, Visual Studio, SSMS.

VERISK NEPAL (continued)

Software Engineer Trainee (2018)

Created new features and implemented technical support for entire product suite.

- Analyzed and gathered requirements to effectively design products.
- Enhanced features for web and batch applications.
- Built SSAS cubes from MS SQL databases for multi-dimensional analysis.
- Implemented Unit testing and code reviews to maximize code standards.

Technologies Used: C#, ASP.NET Web Form, SSQL, SSIS, SSAS, SVN, Visual Studio, SSMS.

ACADEMIC PROJECT

Maharishi International University, Fairfield, IA (2022):

- **Alumni Management Portal:** Designed and developed alumni tracking portal with notifications and analytics where users can register, update profile information, post, and apply to job advertisements. Utilized Java, Spring Boot, Spring Security, JPA, AOP, JWT, Maven, Postgres, React, JavaScript, and Git.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion April 2025)

Maharishi International University, Fairfield, Iowa

Key Courses: Fundamental Programming Practices, Modern Programming Practices, Web Application Programming, Web Application Architecture, Enterprise Architecture, Software Architecture

Bachelor of Science in Electronics and Computer Engineering

Kantipur Engineering College, Bagmati, Kathmandu, Nepal

PROFESSIONAL DEVELOPMENT

AWS Certified Cloud Practitioner (2019)