

Madhab Dhakal

Senior Software Engineer & ColdFusion Architect

Dynamic and accomplished Senior Software Engineer with extensive experience in application development, database management, and systems integration across multiple platforms. Proficient in Adobe ColdFusion, Java, and GIS environments. Seeking opportunities to drive innovation and contribute to cutting-edge projects with diverse teams.

Key skills Areas of expertise	ColdFusion Technical Architect ColdFusion Experts Progress ABL Application Development C# ASP.NET JAVA Oracle SQL Power BI Amazon Aurora Debugging Testing Documentation Data & Analytics Software Development Lifecycle (SDLC) REST API AWS Azure Agile
Education Qualifications	Master of Information Technology – University of Newcastle, 2021 Graduate Cert of Information Technology – University of Newcastle, 2020 BSc IT – KUVEMPU University, Bangalore, 2016

Senior Software Engineer & Technical Architect

Company: Jacobs (Oct 2022 – Current)

Role: Senior Software Engineer & ColdFusion Architect

Scope/Description: TRIS, a custom-built system, handles various operational facets of Transperth's business, evolving over two decades to adapt to changing demands and technology for Public Transport Authority of Western Australia, Australia.

Responsibilities:

- Facilitated stakeholder engagement to comprehend strategic requirements, assess ongoing projects, and garner support for initiatives.
- Compiled, acquired, and manipulated spatial data in GIS environments to support mapping and geographical applications for Transperth.
- Managed ColdFusion servers for all environments, ensuring smooth operation and maintenance.
- Served as the ColdFusion technical architect for the TRIS team, overseeing the design, development, and implementation of the TRIS system.
- Designed, developed, and maintained robust ColdFusion applications, implementing best practices in coding and security.
- Optimized ColdFusion code for performance improvements and scalability.
- Developed complex ColdFusion components, including custom tags, CFCs, and scheduled tasks.
- Integrated ColdFusion applications with third-party APIs and services, enhancing functionality and interoperability.
- Performed regular updates and patches to ColdFusion servers to ensure security and stability.
- Monitored server performance and conducted troubleshooting to resolve issues promptly.
- Implemented automated deployment processes and continuous integration practices for ColdFusion applications.
- Provided technical guidance and mentoring to junior developers on the TRIS team.

Technologies: Adobe ColdFusion, Java, Oracle, ArcGIS, REST API

Software Engineer

Company: LGI Australia (Oct 2021 – Sep 2022)

Role: Product Owner

Scope/Description: Designed and developed an android app for tracking the delivery for the business.

Responsibilities:

- Wrote and tested code, refined and rewrote as needed.
- Researched, designed, and implemented new software programs using technologies such as ColdFusion, Progress ABL and Android.
- Integrated existing software products and ensured compatibility across platforms.
- Developed systems to manage job scheduling and access control for users and remote systems.

Technologies: Asp.Net, ColdFusion, Progress ABL, Android, SQL Server, Entity Framework, Web API

Software Engineer

Company: CRM Australia (Jul 2018 – Oct 2021)

Role: Product Owner

Scope/Description: Designed and developed subscription management system.

Responsibilities:

- Created the CRM Renewals system, a subscription-based platform, overseeing renewal scheduling tasks and facilitating automated payments.
- Documented all supported systems and applications, facilitating comprehensive training for both new and existing team members.
- Analysed business or functional requirements, offering design solutions for software components.
- Configured and set up Azure Hybrid Connection to pull data from SAP Systems, enhancing data integration.

Technologies: Asp.Net, C#, Microsoft Azure, SQL Server, JavaScript, AWS S3, PowerBI, EF, Web API

Software Developer

Company: Mercantile Communication Pty Ltd (Sep 2014 – Jun 2018)

Role: Product Owner

Scope/Description: Designed and developed multiple projects including support system for core banking, branchless banking and many more.

Responsibilities:

- Developed Pumori Support Plus, a critical support system for Pumori Banking software adopted by over 130 banks and financial institutions in Nepal.
- Designed Compass, a comprehensive work log management system for tracking employee tasks.
- Created Insurest, a comprehensive insurance solution for Shikhar Insurance covering all non-life insurance aspects.
- Implemented Branchless Banking using Java and Android technologies, streamlining internal banking transactions for agents.

Technologies: Asp.Net, C#, SQL Server, JavaScript, PetaPoco, Entity Framework, Web API

References

Mr. Alan Rogers
Project Manager
Jacobs

08 9326 3834 | alan.rogers@jacobs.com

Mr. Alan Leech
Managing Director
CRM Australia

02 8227 6400 | alan@crmaus.com.au
