


Arun Kumar Arora

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PERSONAL PROFILE

As an experienced software engineer with an immense passion for technology and a strong desire to lead, I am seeking to transition into a leadership role where I can leverage my technical expertise, strategic vision, and leadership skills to drive success.

My recent pursuit of a Master's degree in Information Technology with a focus on project management has equipped me with the knowledge and skills necessary to manage complex projects and lead cross-functional teams to achieve their goals. I am highly adaptable and able to learn new technologies quickly, making me a valuable asset to any team.

With a deep understanding of both technical and business requirements, I am confident in my ability to deliver high-quality results that align with business objectives. As I pursue a leadership role, I am eager to leverage my experience, skills, and passion for technology to help organizations achieve their goals and drive innovation.

SKILLS

- Leadership – Scrum Master, Team Supervision, Project management, stakeholder management, product roadmap, Mentoring and coaching, enabling and empowering engineers, harvest learnings, setting up communities of development practices and innovation forums, building and maintaining trusted relationships.
- Cloud experience – Azure and AWS
- .NET platform – C#, .NET framework and .NET Core (API and MVC), VB.NET, WinForms, Click once apps, WCF, MVVM, Windows Services
- Testing frameworks - MS Test, NUnit, Specflow, FakeItEasy
- CI/CD - Azure DevOps, TeamCity, Octopus Deploy, GIT, TFS, GitLab, GitHub, PowerShell, JIRA, AHA, Trello
- Database – SQL Server, Azure Database, AWS RDS PostgreSQL, Entity Framework, T-SQL, LINQ, SSMS, SSIS, NoSQL Databases
- Azure - Azure Blob storage, Azure AD B2C, Azure Service Bus, App Services, Logic apps, Azure Functions
- Front end/UI - HTML5, JavaScript, jQuery, AJAX, CSS3, Lodash, bootstrap etc
- Industry expertise – Bank, Health, Accounting, Tax Compliance, Corrugator Industry, and Building

EDUCATION

Master of Information Technology | Project Management (Level 9)
AUCKLAND UNIVERSITY OF TECHNOLOGY | February 2023 – Present

Graduate Diploma | Information Technology (Level 7)
NELSON MARLBOROUGH INSTITUTE OF TECHNOLOGY | July 2009 - December 2010

Bachelor of Technology | Electronics & Communication Engineering
PUNJAB TECHNICAL UNIVERSITY | July 2005 - July 2008

Diploma | Electronics & Communication Engineering
PUNJAB STATE BOARD OF TECHNICAL EDUCATION & INDUSTRIAL TRAINING | July 2002 – July 2005

CERTIFICATES

October 2021 Microsoft Certified: Azure Fundamentals

August 2012 Microsoft Certified: .NET Framework 4, Data Access

May 2012 Microsoft Certified: SQL Server 2008, Database Development

WORK EXPERIENCE

Datacom **September 2021 – Present**
Senior Software Engineer www.datacom.com

- Client: **Kiwibank** (July 2022 – Present)
 - Working in Cards and payments team
 - Developing a solution to enable Bank credit and Debit Cards for use with Apple Pay and Google Pay
 - Implementing a microservices architecture using Rest APIs and Kubernetes
 - Leveraging AWS cloud infrastructure to host the solution, including an AWS RDS PostgreSQL database with Entity Framework code first development.
 - Utilizing Git repository and CI/CD pipelines with GitHub to manage and deploy changes to the solution.
 - Collaborating with third-party vendors to ensure successful implementation of the solution.
 - Incorporating fraud detection measures to ensure secure transactions with Apple Pay and Google Pay
 - Creating a solution for Card provisioning in Apple Wallet with multiple flows available for Apple devices
 - Investigating and developing a solution to consume VISA APIs
 - Developing a solution to provide account and card information to VISA via APIs
 - Documenting solution and findings, including API documentation

- Managing the backlog, sprints, and retrospectives using Azure DevOps boards.
- Client: **Fletcher Building** (September 2021 – June 2022)
 - Involved in enhancing an existing product provided by Innovit.
 - Programming the solution using Python.
 - Responsible for maintaining the code in Azure DevOps GIT repositories and the backlog on JIRA board.
 - Strong advocate of DRY/KISS/SOLID principles in coding practices.

Kiwiplan

Senior Software Developer

April 2019 – September 2021

www.Kiwiplan.com

- Developing and maintaining a complex Windows Forms application for Enterprise Sales Processing in the corrugator industry
- Using .Net Framework, VB.net, Integration, SQL Server, and other technologies for continuous software development, maintenance, and debugging
- Managing code repositories with TeamCity, Gitlab, and SVN, and following continuous integration, Agile Methodology, DRY/KISS/SOLID Principles, and clean code practices
- Integrating with 3rd party apps, conducting unit testing with FakeItEasy and NUnit, and performing automation testing with Test complete, using Behaviour-Driven and Python
- Mentoring junior/intermediate developers, assisting the Tech Lead in investigations, and providing Level 3 support
- Successfully set up and facilitated community of development practices (code mentor's forum) for 2 years.
- From planning to completion, I efficiently managed the project of migrating the codebase from SVN to GIT, ensuring a seamless transition with minimal disruption to both the team and project timelines.
- Continuous participation in innovation/R&D forum, to implement new technologies in line with company's vision.
- Backup Scrum Master for the team, in the absence of the Scrum Master

Taxlab

Senior Software Developer

Software Engineer (Contract)

October 2017 – March 2019

www.taxlab.co.nz

June 2017 - September 2017

- Contributed to the development of a SAAS product specializing in Tax Compliance
- Ongoing development, maintenance, and debugging using .Net Framework, C#, Restful API, Angular, MVC, SQL Server, and other technologies
- Daily use of Azure Cloud Stack
- Utilized Azure DevOps for maintaining repositories, builds, and releases
- Adhered to continuous integration and continuous deployment, Agile Methodology, and SOLID Principles

- Practiced clean code and doing regular code reviews
- Integration with 3rd party APIs
- Test-Driven Development (TDD) and Behaviour-Driven Development (BDD) using Spec Flow and MS Test Framework
- Successfully set up and facilitated community of development practices (Tech or Treat)
- Mentored Junior Developer

RECKON

Software Developer / Scrum Master

May 2014 – June 2017

www.reckon.com

- Worked on SyncDirect, a cloud product that integrates with various business accounting software (MYOB, XERO, Reckon, etc.) to extract data and transform it into a standard format for accountants to use with Practice General Ledgers.
- Integrated SyncDirect with 3rd party accounting software via APIs, ODBC drivers SDKs.
- Performing continuous software development, maintenance, and debugging using technologies such as .Net Framework, C#, WPF, MVVM, WCF, Restful API, ClickOnce application, WinForms, DevExpress Reports, and XAML.
- Following Agile methodology with scrum and sprints for software development.
- Acting as Scrum Master for the team, leading sprints, stand-ups, and retrospectives.
- Using TFS source control to branch and maintain code.
- Design, development and maintenance of databases in MSSQL Server
- Maintaining QA and Staging environments and responsible for final production release on the server and building client packages.
- Supporting Consulting and Marketing teams with SyncDirect, educating them about new changes and keeping the demo sale image (virtual machine) up-to-date with upcoming releases.

Nelson bays Primary Health

Programmer/Analyst

March 2011 – May 2014

www.nbph.org.nz

- Implementing and maintaining automated data processing information systems
- Providing accessible and appropriate information services for Nelson Bays catchment and other organizations utilizing NBPH IS capacity and capability.
- Software development and maintenance using .Net Framework, C#, ASP.NET Web forms, MVC, Bootstrap, JavaScript, JQuery, etc.
- Designing, developing, and maintaining databases in MSSQL Server
- Developing and maintaining ASP.NET Windows Forms applications and Windows Services
- Processing HL7 files from General Practices for Capitation-Based Funding (CBF) from the Ministry of Health and Service Utilization in the Nelson Bays Region
- Providing technical assistance to staff for data analysis and reporting
- Providing monthly/quarterly/annual reports to NBPH Management on program development and activities

TRAININGS

May 2011	The Health Information Privacy Code 1994
September 2011	Emergency Medic Course (Triple One Care)
October 2011	Health and Safety Representative (Stage 1)
February 2013	Treaty of Waitangi

VOLUNTEERING EXPERIENCE

Fresh FM (Volunteer)

September 2010 – January 2011

- Designing Database
- Developing Database in MySQL
- Populate with old data already exist in one excel file
- Disaster Recovery
- Securing the database
- Set-up Mail Merge with MS Word and MySQL Database

Nelson Multicultural Council (Volunteer)

September 2009 – March 2010

- Assisting in developing and maintaining the Website
- Uploading information on the Website

REFEREES

Available on Request.