Pokhara, Gandaki

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**ABINASH BHATTARAI**

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**OBJECTIVE**

# To pursue opportunities in a competitive environment that will challenge to push my boundaries and expand my knowledge in the field of software industry while allowing me to add value to the dynamics of the organization.

**EMPLOYMENT**

# Software Engineer [Verisk](https://www.verisk.com/) Analytics Oct 2022 – Present

* Configured Okta as IdP and implemented authentication and authorization in multiple applications like Asp.Net MVC, Web API, Angular and Sharepoint On-Premise
* Developed multiple API end points for admin functionality and implemented pagination with API response
* Improved the application performance by implementing caching
* Researched, architected and implemented the token-based authentication using client id as a OAuth flow with CA certificate to authenticate the Sharepoint REST API.
* Implemented Hashicorp vault in the application for the database connectivity.
* Developed and deployed the custom WCF service and web service on sharepoint farm.
* Developed and supported the application to track the insurance filing and process the insurance report for the data team.
* Production Support along with SQL fix and worked mainly to provide the hot fix.
* Leaded and improved the sonar metrics for code coverage and quality by fixing the unit tests.

# Software Development Engineer [DXC Technology](https://dxc.com/us/en) March 2021 – Sept 2022

* Working as a part of web API migration team (on premise to cloud), for the Airlines company where the monolithic code has to be changed into microservices in .net core.
* Worked to develop the API end points for flight booking, cancellation and baggage calculator and tested end points as well using XUnit.
* Check the logs and fix bugs specially in QA and prod environment and closely work with UI, EQA and DevOps team.

# Software Development Engineer, Intern Upasarga Technology Aug 2020 - Dec 2020

* Work with team to write HTML, CSS, Bootstrap, Javascript for custom websites and applications.
* Update and edit website content, posts and pages

**Languages and Technologies**

* Programming Languages - C#, Java, Python (basic)
* Operating System - Linux, Windows, Mac OS, Android
* Database – MSSQL, MySQL, Postgres
* Frameworks and tools – Visual Studio, .Net Core, MVC, Entity Framework, Sharepoint, Xunit/ NUnit.
* Others – Okta, GitHub, Postman, Fiddler, Kibana,Splunk, Docker, Kubernetes, Jira

**EDUCATION**

# Chennai, India Vel Tech Rangarajan Dr Sagunthala R&D June 2017 - June 2021

# Institute of Science & Technology

* B.Tech. in Computer Science and Engineering. CGPA: **9.28/10**
* Main coursework: Data Structures, Design and analysis of Algorithms, Computer Architecture, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering.

**B.TECH. MAJOR PROJECT**

* Machine Learning based aquaculture monitoring using cost effective sensing system. Developed platform to push real time data to the google firebase cloud to monitor the aquaculture and display in dashboard.
* Used machine learning classification algorithm like KNN, SVN to classify data.

**ACHIEVEMENTS AND CERTIFICATIONS**

* Got SAARC scholarship for B-Tech programme
* DECP .net full stack from DXC Technology
* Cloud 101 from AWS Educate
* AWS Going Cloud Native (Coursera)
* Generative AI with LLMS
* Attended workshop on DevOps setting CI/CD pipeline at Vel Tech
* Linux Distribution Course from Dr Po Ming Lee ( visiting faculty from STUST, Taiwan at Vel Tech)
* Organizer for the annual technical/coding fest (Tantraz) of my college.

**REFERENCES**

**Dr. GR Kanagachidambaresan Dr. Po Ming Lee**

Associate Professor Assistant Professor  
 Vel Tech Rangarajan Dr Sagunthala R & D Southern Taiwan University of Science and   
 Institute of Science and Technology Technology

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