ARJUN DHAKAL

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Full Stack Developer seeking internship or employment starting from September 25th, 2023.

SKILLS
Programming Experience in:
Java, Spring Boot, PHP Twig, JavaScript, jQuery, React, Next.js, Node.js
C#, ASP.NET, MVC 5, MySQL, SQL Server, MongoDB, MS Access, VBA, HTML5, CSS, Bootstrap

Knowledge in:
Python, PostgreSQL, XML

Tools/ Others:
Git, GitHub, GitLab, Trello, Figma, Lucid Chart, Firebase, Heroku, AWS, Docker, Postman, Linux, XAMPP, DevTools, Agile methodology, VS Code Editor, Visual Studio, IntelliJ IDEA

ACEDEMIC QUALIFICATION

Full Stack Developer   Oct 2022 to Dec 2023

John Abbott College, 21 275 Rue Lakeshore Road, Sainte-Anne-de-Bellevue, QC H9X 3L9

Projects:

- A responsive website for a restaurant using HTML, CSS, Bootstrap5
- Tetris game using JavaScript, HTML, CSS, Bootstrap5
- A web application for food recipe using PHP slim, AJAX, jQuery, phpMyAdmin
- A banking application using Java, Spring Boot, Thyme leaf, MySQL, JavaScript, jQuery, AWS
- A group funding web application using Next.js, React, Bootstrap, Firebase

M.Sc. Physics (Advanced Solid State, Quantum Physics, Mathematical Physics)   Aug 2006 to Sept 2008

Tribhuvan University, Patan Multiple Campus, Lalitpur, Nepal

B.Sc. Physics (Physics, Chemistry, Mathematics)   Aug 2003 to Jul 2006

Tribhuvan University, Tri-Chandra Campus, Kathmandu, Nepal

WORKING EXPERIENCE

Lab Technician/ Quality Planning   July 2018 – Oct 2022
Quality Control Department
Lisi Aerospace Canada,
2000 Place Transcanadienne Dorval, QC

Main Responsibility:
- Create control plan for final inspection of fasteners (products) based on customer specifications.
- Perform FAI (first article inspection) of any new product.
- Perform Measurement System Analysis (MSA) of measuring instruments.
- Develop and validate programs for computerized optical measurement system.
- Design, develop and maintain applications for testing or inspection. These applications generally consist of user interface on MS Excel using VBA, database on MS Access or MySQL and used to automate forms creation for testing of parts produced based on requirements from several specifications, print reports, save test data to database, and have queries to access and update records on database.

Metrology Inspector (Metrologist)   September 2010 to May 2018
Nepal Bureau of Standards & Metrology (NBSM),
Under Ministry of Industries,
Kathmandu, Nepal

Main Responsibility:
- Calibrate different measuring instruments used for mass, force, pressure, volume, dimension, temperature, and humidity measurements.
- Develop application or programs for measurement and estimation of uncertainties as per international standards for different measurement units.
- For continual improvement, make proposal and implement any approved revision of technical procedures, calculation programs and quality documentation.
- Ensure laboratories comply the ISO17025 requirements.
- Provide input to top management regarding expansion of calibration scope and participate in different committees form by bureau.

AWARDS

Best Employee Award of Nepal Bureau of Standards and Metrology (NBSM), September 2016