

ARJUN DHAKAL

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Excited to embark on a dynamic career in the domain of software/application development, I am a recent graduate equipped with a robust academic foundation in full-stack development and hands-on experience acquired through projects & internship. Now actively seeking for employment opportunities starting December 2023. I am committed to continuous learning, collaboration, and delivering impactful solutions that drive business success.

SKILLS

Programming Experience in:

Java, Spring Boot, PHP Twig, JavaScript, jQuery, React, Next.js, C#, ASP.NET, MySQL, SQL Server, MongoDB, MS Access, VBA, HTML5, CSS, Bootstrap

Knowledge in:

Python, PostgreSQL, XML

Tools/ Others:

Git, GitHub, Trello, Figma, Lucid Chart, Firebase, Heroku, AWS, Azure, Docker, Postman, Linux basics, XAMPP, DevTools, Agile methodology, VS Code Editor, Visual Studio, IntelliJ IDEA

ACADEMIC 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 static 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
- A ticketing application using ASP.NET Core - C#, Entity Framework, AJAX, Bootstrap, Azure
- An Online bookshop using ASP.NET Core - C#, Entity Framework, AJAX, Bootstrap, Azure

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

Junior Full Stack Developer (Intern)

Sept 2023 - Present

Programming Factory Inc.,
5925 rue Bergevin, Brossard, QC

Lab Technician/ Quality Planning

July 2018 – Oct 2022

Quality Control Department
Lisi Aerospace Canada,
2000 Place Transcanadienne Dorval, QC

Responsible to:

- Create control plan for final inspection of fasteners (products) based on customer specifications.
- Perform Measurement System Analysis (MSA) of measuring instruments.
- Perform dimensional inspection of the parts, fixtures used for testing.
- Develop and validate programs for WMM (a 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 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),
Kathmandu, Nepal

Responsible to:

- 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/ RECOGNIZATIONS

- Named to the Dean's List of John Abbott College for all semesters from Winter 2022 to Winter 2023, recognizing excellent achievements as a full-time student.
- Best Employee Award of Nepal Bureau of Standards and Metrology (NBSM), September 2016