

DARPAN NEUPANE

Wellington, New Zealand

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[Github](#) | [Gitlab](#) | [LinkedIn](#)

PERSONAL STATEMENT

Full-Stack Software Engineer with 6 years of experience in designing scalable backend systems, optimizing data pipelines, and developing BI reporting tools. Currently advancing expertise in BI, Cloud computing, Cryptography, ML and Data mining through a Master's in IT at WelTec. Passionate about delivering high-impact technical solutions and actively seeking part-time internship, or volunteer opportunities to contribute to New Zealand's tech ecosystem.

TECHNICAL SKILLS

- **Languages & Frameworks:** Java, C++, TypeScript, SQL, PL/SQL, T-SQL, Angular, Spring Boot, REST APIs, Spring Security, Microservices
 - **Databases & BI:** Oracle, PostgreSQL, MySQL, SQL Server, Snowflake, Oracle OBIEE, BI Publisher, Jasper Reports, RTF Templating, XML, OLAP
 - **ETL & Data Warehousing:** Data Pipelines, Data Cleansing, Performance Tuning, Retail Data Warehousing (Star & Snowflake Schema)
 - **DevOps & Cloud:** Docker, OpenShift, Heroku, Helm Charts, Render, Tomcat, Linux
 - **Monitoring, Testing & Version Control:** Coralogix, Papertrail, New Relic, Tomcat Logs, Git, GitLab, Bitbucket, SVN, Selenium, TestNG, Postman API Testing
 - **Other Tools & Methodologies:** RabbitMQ, Webhooks, Mailgun, OneSignal, Cloudinary, Hazelcast, Google Maps API, Veracode, OWASP Fixes, Oracle Triggers, Advanced SQL, Task Estimation, Documentation, Agile (Hybrid/Kanban/Scrum), Waterfall, SAFe, Jira, Confluence
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Personal Projects

- **Developed a COVID-Detector Android app for COVID case tracking within 500m using Google Maps API and Firebase; a Java-based ATM Task Master prototype for basic transactions; and web apps, including a weather app and Reddit clone with Angular, Node.js, and Firebase.**
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WORK EXPERIENCE

Software Engineer II – Cotiviti Nepal / Infinite Computer Solutions

Feb 2023 – Mar 2025 | Rockville, USA | Kathmandu, Nepal (on-site)

- Developed and maintained 30+ healthcare microservices (Medicare, Medicaid, HEDIS), ensuring reliability and scalability.

- Designed ETL tools for large-scale healthcare data integration.
- Led Spring Boot (2.7→3.2.2) and Tomcat (7→10) upgrades, boosting performance 30–40% and security compliance.
- Executed zero-downtime OpenShift deployments from scratch, earning a Spot Award.
- Resolved 90% of Veracode issues, reducing security risks via OWASP fixes and library updates.

BI Developer – LIS Nepal Pvt. Ltd.

Feb 2022 – Feb 2023 | Kathmandu, Nepal (on-site)

- Led BI development for Central Food Retail’s reporting platform using Oracle OBIEE, BI Publisher, Snowflake, and Oracle DB.
- Acted as Tech Lead, coordinating onshore (Thailand) and offshore teams to align deliverables and objectives.
- Optimized RMS OLTP reports, cutting BI Publisher run time from 1.5 minutes to under 1, managed ETL processes, and delivered customized reporting via dynamic SQL and TDDs.

Junior Software Engineer – Spiralogics, Inc.

Jan 2019 – Jan 2022 | Atlanta, USA | Nepal (Remote)

- Contributed to Adkaddy (iOS/Android, 4.5★), improving performance and user experience.
- Improved efficiency of email classification algorithm, raising accuracy from 70% to 95%.
- Developed backward-compatible APIs for seamless frontend integration.
- Refactored code to enhance maintainability, scalability, and responsiveness.
- Monitored logs (Coralogix, Papertrail, Heroku) to resolve critical issues and ensure uptime.
- Optimized Postgres with complex SQL and managed schema changes via Liquibase.
- Collaborated in Agile sprints for planning, prioritization, and Jira tracking.

QUALIFICATIONS

Master of Information Technology – WelTec, New Zealand (*July 2025 -30 October 2026*)

Specializations: AI, Data Mining, Cloud Computing, Cryptography

COMMUNITY & VOLUNTEER EXPERIENCE

Guest Teaching – Tribhuvan University, Nepal

LIS Nepal Office | 2022 – Present | Accenture

- **Conducted teaching sessions for Bachelor of Computer Science students**
- **Delivered practical insights into Business Intelligence (BI) and Data Engineering**
- **Explained real-world applications and advantages of BI and ETL pipelines**

Hobbies: Trekking, watching sports, listening to music, learning new technologies and frameworks, and working on personal projects.

