

Bishal Shrestha

Software Engineer

Malden, MA - Email me on Indeed: [indeed.com/r/Bishal-Shrestha/66cd98a4423fd497](https://www.indeed.com/r/Bishal-Shrestha/66cd98a4423fd497)

WORK EXPERIENCE

Software Engineer

Android - Kathmandu, NP - 2012 to 2016
(Nepal)

Experience and Accomplishment

- * Led android team of 5 members as a technical lead.
- * Led all phases of software development lifecycle for Android applications. Oversaw code development and review. Managed technical documentation. Strong experience leading the design, development and launches. Developed more than dozen of high quality consumer facing applications. Developed solutions to improve performance and scalability of systems. Provided innovative solution to complex business problem.
- * Used Android Studio/Eclipse to develop apps for clients in a variety of sectors including radio, video, sports, health, music, entertainment, academia etc.
- * Implemented and used important aspects like MVP, OOD, memory leaks, multi-threading, Google design guidelines, custom views, material design, animation, services, restful networking and web services (Json/XML), maps, location, cloud messaging(Google/Parse)
- * Done memory management, debugging, performance tuning, security etc.
- * Knowledge of libraries like RxJava, Event Bus, Retrofit, OkHttp, Realm, SugarOrm, Espresso, Mockito, Picasso, Volley, Social integration like Facebook and Google Api, Google Admob, Analytics, Crashlytics, Google Play Services(Map/Location/), Loggers etc.

Technologies and Tools Used: Java, Eclipse, Android Studio, REST API, SQLite, Eclipse, Net Beans, 3rd Party Libraries,

Selected Projects (Available in Google Play Store):

- Hamro Doctor: Developed health application where users can search for nearby doctors, hospitals, blood, view news and blogs and ask questions regarding their health.
- GoalNepal.com: Oversaw development of official application for Nepal's largest football news portal, displaying live matches, news, live television and radio, rankings, and tournaments.
- Big FM: Developed official application for Big FM Broadcasting Company, which provided users access to their program podcasts, streaming radio, scheduling, and videos.
- Lishn: Developed music streaming application where artists can upload their music and get revenue per playback. Users can search and listen to their favorite music.
- LokSewa Nepal: is a mobile based solution for exams, notices, notes, practice questions, online tests and other materials for the preparation of Lok Sewa exam conducted by Public Service Commission, Nepal. (Users: Around 500k)
- Pathsalaapp: Developed academic application providing course management, news and notifications, and other features for students of Kathford International College.

Software Developer

ARAMVA PVT. LTD - Kathmandu, NP - 2009 to 2011

Designed, developed, and implemented dynamic web applications for clients.

Technologies Used: Core PHP, CakePHP, CodeIgniter, WordPress, Ajax, JavaScript
Websites: drishtieye.org, shangrilatravels.com.au, theexplorermagazine.com, kantipur.tv, villageentrepreneurs.tv

EDUCATION

Master of Science in Computer Science in distance education

Maharishi University of Management - Fairfield, IA
December 2018

Bachelor of Science in Electronics & Communication Engineering in Electronics & Communication Engineering

Nepal College of Information Technology

SKILLS

Api (5 years), Eclipse (5 years), Java (5 years), Json (5 years), REST (5 years)

LINKS

<http://bishal.info>

<https://www.linkedin.com/in/bishalshrestha299>

ADDITIONAL INFORMATION

SKILLS

Native Android Application Development • Mobile Development Lifecycle • Information Architecture
Quality Assurance • Requirements Gathering & Analysis • Unit Testing • User Experience Design(UX) • UI
• Programming & Code Review • Rest Service • Security • Caching • Custom View • Material Design
• Multi-Screen Design • Test Driven Development • Test Design & Execution Testing

Languages: Java, JavaScript, PHP, C, C++

Development: Mobile Application and Web

Web: JSP, Servlet, HTML, CSS3, JavaScript, jQuery, AngularJS, PHP, CakePHP, CodeIgniter, REST

Web services: Restful API, SOAP, JSON, XML

Servers: Tomcat, JBoss

Frameworks: Spring, Spring MVC, Spring Web Flow, Spring Boot, JSF, Hibernate, JDBC

Databases: MySQL, MSSQL, Oracle, SQLite

Design Patterns: Singleton, Factory, Adapter, Façade, MVC, Proxy, Builder, Command, Strategy, Observer,
Dependency Injection, Decorator

SDLC: Agile-scrum, Waterfall

Tools: Eclipse, Net Beans, Android Studio, IntelliJ, Maven, Gradle, GIT, Trello, Bit bucket, Android SDK, ADT

Platforms: Android, Windows 7, 8, 10, Linux