

Ravi Kushwaha | Junior Developer

🌐 United Kingdom

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

A problem-solving and adaptable graduate software developer with expertise in Python, Dart, JavaScript, and Java, specializing in Flutter and the MERN stack. I build scalable, high-performance applications that enhance user experience and optimize system efficiency. In previous projects, I redesigned backend architectures, improving performance and scalability, and enhancing Flutter UI for improved responsiveness. My experience as a volunteer instructor has strengthened my ability to communicate technical concepts, collaborate effectively, and mentor others. Eager to apply my technical skills, problem-solving mindset, and adaptability to a dynamic development team, I am ready to tackle challenges, innovate, and contribute to impactful projects.

Core Skills

- Programming Languages
- Frameworks & Libraries
- Database Management
- Web & Mobile Development
- Software Architecture
- Cloud & DevOps
- Version Control
- Data Structure & Algorithm
- Leadership & Mentoring
- Adaptability & Learning
- Attention to Detail
- Collaboration & Teamwork

Professional Experience

Volunteer Instructor
Redbridge Central Library

Dec 2023 – Feb 2024
Clements Road, Ilford, Essex, IG1 1EA

As a Volunteer Instructor, I led a Python and Raspberry Pi workshop for 18 students (ages 18-60), equipping them with hands-on coding skills and electronics. By the end, participants successfully programmed Raspberry Pi and built functional projects, enhancing digital literacy and problem-solving abilities for real-world applications.

- Taught Python and Raspberry Pi electronics, equipping 18 learners with practical coding skills.
- Designed a hands-on curriculum, combining theory with real-world projects.
- Simplified complex concepts using innovative teaching methods, enhancing accessibility.
- Encouraged STEM learning by fostering an inclusive and supportive environment.
- Led project-based learning, enabling students to code, operate Raspberry Pi, and build functional projects.

Freelance App Developer
Universitatea Petrol - Gaze din Ploiești

April 2022 – July 2023
Ploiești, Romania

As a Freelance App Developer, I built custom applications that streamlined operations, featuring pixel-perfect, modern UI/UX for enhanced usability. By optimizing the backend, I cut processing time by 30% and boosted user engagement, delivering efficient and scalable digital solutions.

- Built a Flutter app, improving user accessibility by 40% and streamlining university operations.
- Migrated backend to Node.js, boosting performance by 30% and scalability.
- Ensured 100% alignment with academic and administrative needs through stakeholder collaboration.
- Enhanced UI responsiveness, increasing multi-device compatibility by 35%.

Mobile App Developer
HostBala Technologies Pvt. Ltd.

Sep 2020 – Aug 2022
Kathmandu, Lalitpur

Designed, developed, modified, and deployed mobile applications for diverse clients, focusing on user-centric solutions that enhanced functionality, performance, and cross-platform user experience.

- Developed responsive Flutter UIs for 12+ mobile applications, improving cross-platform performance and load speed by 40%.
- Optimized and modified around 10 existing apps, ensuring 100% alignment with client requirements and enhancing functionality.
- Implemented more than 28 custom features, increasing user engagement by 30% and improving overall user satisfaction.
- Collaborated with 5 cross-functional teams, ensuring seamless feature integration and high-performance app delivery.

Computer Operator
Shree Surya Prabhat Saving and Credit Co-operative Ltd.

Apr 2017 – Jun 2018
Kathmandu, Lalitpur

Managed and maintained computer systems, ensuring smooth daily operations through data entry, system monitoring, and troubleshooting to support business functions and enhance operational efficiency.

- Managed 20+ computer systems, optimizing performance and ensuring 99% uptime for seamless operations.
- Monitored and maintained hardware, preventing system failures and reducing downtime by 35%.
- Performed data backups, ensuring 100% data integrity and secure restoration processes.
- Configured and installed IT systems, streamlining workflows and enhancing operational efficiency.

Education

- **BSc (Hons.) Computer Science** Sep 2022 - Present
University of East London, London, United Kingdom
- **Diploma in Computer Engineering** Sep 2018 – Apr 2021
Golden Park College, Nepal

- **Secondary High School**
Shree Aadhunik Rastriya Higher Secondary School, Hetauda,
Nepal

Apr 2007 – Mar 2017

Technical Skills

- **Programming Languages** C, C++, JavaScript, Python, Dart, Java, Solidity, Bash, Visual Basic
- **Libraries/Frameworks** Flutter, React, Express.js, JavaFX, PyQt5, TensorFlow
- **Tools / Platforms** Git, GitHub, VS Code, Android Studio, AWS, Microsoft Azure, Firebase Con sole, Postman, Figma, Adobe XD, Trello, JIRA, Linux
- **Databases** MongoDB, MySQL, MariaDB, Firebase

Certifications

- Java (Basic) - [HackerRank](#)
- Problem Solving - [HackerRank](#)
- Software Engineer Intern - [HackerRank](#)
- Software Engineer - [HackerRank](#)
- Rest API - [TestDome](#)
- C++ - [TestDome](#)
- Data Structure and Algorithm - [TestDome](#)
- Flutter - [TestDome](#)
- Software Engineering - [TestDome](#)
- Certificate of Appreciation - [Redbridge Library](#)

Honors & Awards

- Awarded for Student Voice Group 2022-2023

Language

- English
- Hindi
- Nepali

References

References available upon request.