CURRICULUM VITAE

Dilashma Jha

Full-stack web & mobile developer

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Portfolio
Nepal

PROFILE

Software developer who builds full-stack web and mobile applications from interface to database. I work mainly with React, Node.js, PostgreSQL, Kotlin and Java, and I care about accessible interfaces, clean data models and software that people can use without a manual.

SELECTED PROJECTS

DigitalMenu — 2026

Full-stack restaurant ordering platform

- Built customer and admin experiences: live menu, favourites, cart, Khalti checkout and real-time order tracking, plus role-based dashboards for menu items, orders, users and sales insights.
- Implemented JWT authentication, password reset and image uploads, then built a Kotlin Android client against the same REST API.

Stack: React · Node.js · PostgreSQL · Socket.IO · Kotlin · Jetpack Compose

MathRush — 2026

Browser-based maths game · team project

- Developed the gameplay interface in HTML, CSS and JavaScript — lane movement, player controls, scrolling track, countdown timer, score and lives HUD, and game-over flow.
- Contributed to project documentation, playtesting and proofreading across the team.

Stack: HTML5 · CSS3 · JavaScript · Git

Portfolio Website — 2026

Personal single-page site

- Designed and built a responsive site with no framework or build step, including a custom design system, scroll-aware navigation and a keyboard-accessible mobile menu.
- Added reveal animations, a copy-to-clipboard interaction and reduced-motion support; tested at desktop, tablet and mobile widths.

Stack: HTML5 · CSS3 · JavaScript · Accessibility

Python & Flutter Labs — 2026

Coursework and self-study builds

- Python exercises covering functions, loops, file handling and exception handling, plus a first Flutter app exploring widgets, layout and state.

Stack: Python · Flutter · Dart

EDUCATION

B.Sc. (Hons.) Computing — In progress

Softwarica College of IT and E-Commerce · Coventry University

- Project-led programme covering software development, databases, data science and enterprise systems, with regular team-based assessments.

TECHNICAL SKILLS

LANGUAGES
Java, Python, JavaScript, Kotlin, R, SQL, HTML/CSS

FRONTEND
React, responsive design, accessibility, design systems

BACKEND
Node.js, REST APIs, JWT auth, PostgreSQL, MySQL, Socket.IO

MOBILE
Android, Jetpack Compose, MVVM, Flutter, Dart

DATA
R, tidyverse, ggplot2, SQLite, regression analysis

TOOLS
Git, GitHub, VS Code, Android Studio, NetBeans, MySQL Workbench

RELEVANT COURSEWORK

- Database Systems
- Object-Oriented Programming
- Data Science with R
- Enterprise Project
- Programming for Developers
- People & Computing

HOW I WORK

Comfortable taking a feature from wireframe to API to interface, documenting decisions and testing across browsers and devices. I have worked in small Agile teams with weekly checkpoints and shared repositories.