

MANISH GURUNG

Software Engineer

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Summary

Software Engineer with hands-on experience in full-stack development, skilled in Java, Python, JavaScript, Next.JS and Flutter. Proficient in building scalable applications, integrating APIs, and managing relational and non-relational databases. Adept at collaborating in Agile teams, streamlining workflows, and delivering user-focused software solutions.

Skills

Programming & Querying: Java, Python, Dart, JavaScript, HTML, CSS

Framework & Tools: SpringBoot, Node.js, React, Next.JS, Tailwind, Flutter, Ant Design, Power BI, Microsoft Fabric

Design: Photoshop, Figma, Adobe XD

Databases: MongoDB, MySQL, PostgreSQL, MSSQL

Version Control & Tools: Git, Docker

Experience

Software Engineer (Full Stack)

Feb 2025 – Present

BYK Oxford Ltd., UK

Tools Used: PostgreSQL, Python, Next.JS, Tailwind, Postman, Github, Figma, Docker

- **Automated financial reporting workflows** by engineering a data warehouse and ETL pipeline with Python and SQL in Microsoft Fabric, cutting manual reporting time by 80% and ensuring near real-time finance dashboards.
- **Modernized analytics** by migrating static Excel reports into interactive Power BI dashboards, enabling stakeholders across finance, sales, and operations to make faster data-driven decisions.
- Built & launched company's first website BYKOxford, with Next.js, Tailwind CSS, and Vercel—improving brand visibility and increasing website traffic by 40% within the first quarter.
- Designed and Launched in-house app BetGenieUK, a football analytics platform with FastAPI and PostgreSQL, delivering insights from 6 years of historical match data.
- **Introduced CI/CD** using GitHub Actions, Docker and servers like Render & Vercel reducing deployment errors and cutting release cycles from days to under 2 hours.

Junior Developer

Jan 2022 – Jul 2022

BazarHub Pvt. Ltd., Nepal

Tools Used: SQL, Node.js, Flutter, Postman, Github, Figma, Wordpress

- **Collaborated with a team of 6 to design and deliver the Hamro Calendar:** Nepali Patro mobile app, contributing to both frontend design and backend API development.
- Implemented **clean architecture and BLoC state management** in Flutter, ensuring modular, maintainable, and scalable code.
- Designed and took ownership of 100% of **user interfaces in Figma and deployed them with Flutter**, creating engaging, responsive, and user-friendly experiences.
- Conducted **API testing and debugging with Postman**, resolving bottlenecks and enhancing data accuracy across services.
- Deployed **two WordPress websites** (frontend & backend), handling requirements gathering, CMS setup, and deployment—boosting client businesses' online presence.

Projects

BYKOxford | *Next.js, Tailwind CSS, Figma, Vercel*

2025

- Developed a responsive corporate website, improving **SEO ranking and mobile responsiveness**, which led to a **40% increase in online traffic**.
- Implemented CI/CD pipelines via Vercel for zero-downtime deployments.
- Worked with stakeholders to align design and content with branding and business goals.

BetGenieUK | *Next.js, FastAPI, PostgreSQL, Docker, CI/CD*

2025

- Built a full-stack analytics platform analyzing **5+ years** of football match data.

- Automated **real-time data ingestion from third-party APIs**, cutting analyst preparation time by 50%.
- Deployed scalable microservices with Docker and GitHub Actions, ensuring reliable production releases.
- Produced actionable match insights, increasing engagement among early users by 35%.

Handyman App | *Flutter, Node.js, MongoDB, Google Maps API*

2023

- Delivered a **cross-platform** service booking app as a final academic project with real-time location tracking.
- Crafted and integrated secure **RESTful APIs** in Node.js to handle bookings and payments.
- Optimized MongoDB queries, reducing data fetch times by **20%**, improving app responsiveness.

Hamro Calendar: Nepali Patro | *Flutter, Figma, Node.js, MongoDB*

2021

- Prototyped and implemented **10+ intuitive UI screens** in Flutter from Figma prototypes, reducing user-reported navigation issues by 30%.
- Built backend services to manage events, news feeds, and calendar sync features.
- Helped scale adoption by creating a culturally relevant mobile app widely used in the Nepali community.

Other Academic & Side Projects

2018–2021

- **Connect ICP (Java, Android, Mobile Development, PHP, MySQL):** Built an Android app with payment gateway integration for college networking as a final year project.
- **Tic Tac Toe AI (Python):** Created an AI-powered Tic Tac Toe game using the Minimax algorithm, achieving a 100% win/draw rate against users and demonstrating practical application of decision-tree algorithms
- **Good Food Restaurant (Oracle SQL, ASP.Net):** Engineered a dynamic web-based restaurant management system. gameplay.
- **Car Recondition Management System (MSSQL, ASP.Net):** Devised relational database-backed system for inventory control.

Education

M.Sc. Software Engineering

Graduated: 2023

Kingston University, UK

Distinction

- Built a mobile app using Flutter, Node.js, and MongoDB, integrating Google Maps API for real-world use cases.
- Learned & Applied Agile methodologies with Jira for iterative project delivery.
- Specialized in system architecture and SDLC for building scalable, maintainable solutions.

B.Sc. Hons in Computing

Graduated: 2021

London Metropolitan University, UK

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- Built and deployed a live app with payment gateway integration.
- Gained strong foundation in object-oriented programming, database design, and SDLC practices.
- Finished multiple academic client-focused web applications using PHP, MySQL, and HTML/CSS.