

BIKASH GHIMIRE

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<https://github.com/bikashghimire>

INTRODUCTION

I am a software engineer who loves learning and building tools that solve real world problems. I have a strong foundation in multiple programming languages but specialise in front-end development, design systems, and Azure solutions. Passionate and professional, I bring a positive mindset and innovative problem solving to every project. I enjoy collaborating with teams, exchanging ideas, and learning from diverse perspectives. Excited about the future, I aim to explore data, AI, and their transformative potential.

SKILLS

Programming Languages : **JavaScript, React, TypeScript, PHP, Python, Node, Next JS**

Knowhow: **C, C++, C#, MATLAB**

Tools and Platforms: **GitHub, Storybook, Figma, Codespace, Maze**

Data & AI: **NumPy, Pandas, Matplotlib, TensorFlow, Scikit-Learn, NLP**

DevOps & Methodologies & Clouds: **Git, Docker, CI/CD, Agile Practices, AWS, Azure devops**

Testing: **Jest, Playwright, Enzyme, E2E Testing, Unit Testing**

EDUCATION

Åbo Akademi University | Turku

Aug 2023 - Dec 2025

Master of Science in Computer Science and Software Engineering

Centria University Of Applied Science | Kokkola

Feb 2017- Dec 2021

Bachelor's of Engineering in Information Technology

PROFESSIONAL EXPERIENCE

Datadrivers Oy

Software Engineer - Design Team | Full-time

Oulu, Finland

March 2025 - Present

- Datadrivers Oy is a leading Finnish software company specializing in digital solutions for driver training and logistics. Founded in 1996 and headquartered in Tornio, the company develops browser-based SaaS applications—Webauto, Fleetskills, and Netreeni—used by driving schools, training centers, and professional drivers nationwide. Datadrivers operates offices in Tornio, Oulu, Vantaa, and Kaarina.

- Architected an enterprise-level design system from the ground up, unifying UI/UX standards across multiple product lines and significantly improving development velocity.
- Led front-end R&D initiatives, evaluating emerging frameworks and authoring Architecture Decision Records (ADRs) to guide long-term technical strategy and component scalability.
- Developed a comprehensive component library using TypeScript, React, and Tailwind CSS, ensuring accessibility, performance, and maintainability.
- Implemented robust development infrastructure—including Storybook documentation, design tokens, and automated testing—to streamline component lifecycle management.
- Distributed reusable UI components across company-wide applications, empowering all product teams to build on a shared, consistent front-end ecosystem.
- Collaborated cross-functionally with product, design, and backend teams to deliver seamless, user-centric experiences for flagship platforms (Webauto, Fleetskills).
- **Technologies:** JavaScript, TypeScript, React, Figma, Storybook, Web components, CI/CD, Azure, OpenAI Studio, zeroheight, maze, user research, usability, UX Design, GitHub

Metso

Software Engineer - Design Team | Full-time

Espoo, Finland

May 2023 - Jan 2025

- Metso is a global leader in sustainable technologies, solutions, and services. At Metso, I played significant role in the development and maintenance of two scalable design system UI component libraries: a React-based framework and a framework-agnostic web components library. Both libraries were published as npm packages and collectively achieved over 100,000 downloads, showcasing their wide adoption and impact.
- I headed efforts to build reusable, accessible, and performance-optimized components, ensuring they aligned with WCAG standards and design consistency across platforms. My role also involved translating design tokens into functional code and collaborating closely with designers, developers, PO's and Stakeholders.
- In addition to technical implementation, I facilitated cross-functional collaboration, organized workshops, and mentored teams to adopt the design system effectively. I also defined and enforced UI/UX standards to maintain consistency across projects.
- My work extended to Azure, where I developed AI-driven solutions as AskRocky(chatbot) using OpenAI Studio, managed cloud resources, and deployed static web applications. I also integrated CI/CD workflows to streamline development and deployment processes.
- **Technologies:** JavaScript, TypeScript, React, Figma, Storybook, Web components, CI/CD, Azure, OpenAI Studio, zeroheight, maze, user research, usability, UX Design, GitHub

Nordevi Technologies

Web Developer | Freelancer

Helsinki, Finland

Aug 2022 - Mar 2023

- Developed order-handling website for Funky Salsa Oy using modern web technologies, improving operational efficiency and user experience.
- Created sales and inventory management dashboard utilizing JavaScript, TypeScript, and PHP to provide data-driven business insights.
- Implemented CI/CD pipelines to streamline software development and deployment processes.
- In addition, I built a complete website from scratch for a door sales company located in Oman, handling everything from design and development to hosting and domain setup. I also developed a fully modern eCommerce store for a client in Australia, delivering a seamless online shopping experience.
- **Technologies:** JavaScript, TypeScript, React, Figma, PHP, CI /CD, AWS, Express JS, MySQL

Integrify Oy

Full Stack Developer | Full-time

Helsinki, Finland

Jan 2022 - Jun 2022

- Graduated from six-month intensive full-stack development program, mastering modern web technologies and collaborative software development methodologies.
- Developed full-stack web applications using JavaScript, TypeScript, React, and Node.js, creating dynamic and scalable solutions.
- Utilized DevOps practices and version control to optimize software development workflows and enhance team productivity.
- **Technologies:** Javascript, TypeScript, React, Redux, Firebase, Material UI, Express JS, MongoDB, Git, DevOps, MySQL, PostgreSQL

Centria University Research and Development

Software Developer Internship | Full-time

Kokkola, Finland

Jul 2021 - Dec 2021

- Collaborated in a team to create two Arduino-based games for a university event, gaining hands-on experience with C++ and Agile methodologies.
- Developed a work management web application for a local company in Kokkola and later wrote my thesis on this topic as well.
- Learnt to write efficient, testable code and integrated data from back-end services, ensuring high-quality software documentation.
- Gained practical experience with Scrum practices, including sprints and user story management, using tools like JIRA and GitHub.
- **Technologies:** HTML, CSS, Javascript, PHP, GitHub, DevOps, MySQL