

# Bishal Karki

Full Stack Developer

## Contact

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## Career Objective

An aspiring software engineer with a strong foundation in frontend web development. With hands-on experience in HTML, CSS, and JavaScript frameworks like ReactJS, Express.js, and MongoDB, offering technical expertise and a problem-solving mindset.

Proficient in creating efficient web-based platforms and delivering innovative solutions, enhancing user experiences, and collaborating effectively. Eager to expand my knowledge and deliver innovative solutions in the evolving field of software development, I am seeking a role that aligns with my passion for innovation and teamwork.

## Technical Skills

Frontend:	HTML, Bootstrap, Tailwind CSS, Shadcn/UI, JavaScript, TypeScript
JS Library/Frameworks:	Vite.js, ReactJS, Next.js, Flux/Redux, Redux-Toolkit, React-Router
Authentication/Authorization:	JSON Web Token [JWT], passport.js, RBAC
Testing:	Jest, React Testing Library [RTL], Babel.js
Server-side:	REST API, Node.js, Express.js, MongoDB, Mongoose, http
Tools:	Nodemailer, joi-validation, Git, GitHub, NPM packages, DevOps
SEO Optimization:	Parcel.js, webpack.js, Redis caching, code splitting, lazy loading
Security:	cors, HTTPS, input validation, OTP
Agile CRM:	Customer relationship management using Agile Development tools.
CI/CD:	Git Version Control, Continuous Delivery, Continuous Integration
Cloud:	Heroku, Vercel, AWS, MS Azure
Networking:	LANs/WANs, TCP/IP, VoIP, DNS, Wireless/VPN
Microsoft:	MS Exchange/Office 365/Active Directory, MS Azure, SCCM(MECM)
Device Management:	Cisco Meraki & Endpoint Manager/Intune
More:	debugging,

## Academic and Practical Projects [[GitHub - More Projects](#)]

**Full Stack E-Commerce Store** [Tech Stack: React, Node, Express, MongoDB, AWS ] **Aug 2023 - In Progress**

- Creating a highly scalable Admin CRM for managing extensive inventories, orders, categories, and products with rapid loading.
- Enhancing search efficiency by implementing debouncing, minimizing network calls and improving result load times.
- Implemented caching and supported n-level nested comments, providing enhanced functionality and improved user engagement.
- Designing a user-friendly, responsive frontend client store for seamless shopping experiences.
- Streamlined payment processing by integrating Stripe gateway, boosting convenience during checkout.

Live: [Frontend Client Store](#)

Code: [Frontend-client-store-code](#)

**Movie App** [Tech Stack: React, tailwind CSS, Redux, react-router-dom, Axios]

Jul 2023

A simple movie app utilizing OMDb API, enhancing skills in React modular components, state management, and data fetching, props, hooks, and component interaction, deletion functionality, and implemented mood-based filtering.

Live: [movie-app-live](#)

Code: [movie-app-code](#)

**Procraste No More** [Tech Stack: Vite.js, Tailwind CSS, Axios, Express.js, and MongoDB.]

Aug 2023

An efficient task management tool where users can seamlessly add, switch, edit, and delete tasks, and I gained experience in asynchronous data handling, state and UI management, data validation, REST APIs, server configuration, Git/GitHub, and deployment on Vercel.

Live: [procraste-no-more-live](#)

Code: [procraste-no-more-code](#)

**Employment History**

**Junior Full-Stack Developer Intern**  
[Crennotech](#) PTY LTD, North Sydney NSW 2060 Australia

Feb 2024 - Jun 2024

- Created a robust full-stack web-based platform using ReactJS, Shadcn/ui, Express.js, and Node.js.
- Collaborated with cross-functional teams to ensure timely delivery of high-quality software solutions.
- Built and maintained RESTful APIs, enabling seamless integration and efficient data manipulation.

**Retail Warehouse Assistant**  
BIKEBUG, TEMPE, NSW 2044

Mar 2019 - Dec 2022

- Received, unloaded, counted, and stocked inventory in the warehouse.
- Assisted customers, addressing inquiries, and managing sales.
- Collaborated with team members to ensure smooth operations and effective communication.

**Personal Attributes**

<b>Problem Solving:</b>	Tackles and debugs challenges with creativity and analytical thinking.
<b>Teamwork and Leadership:</b>	Collaborates well and exhibits leadership qualities within teams.
<b>Attention to Detail:</b>	Ensures precision and quality in all tasks undertaken.
<b>Time and Task Management:</b>	Prioritizes tasks, studies and work, and meeting targets.
<b>Passion for Innovation:</b>	Eagerly explores creative solutions and novel approaches.
<b>Work Independently:</b>	Self-driven and proficient in working autonomously.
<b>Effective Communication:</b>	Ensures for clear project updates and required communication.

**Academic Qualifications**

**Professional Year**  
Performance Education, Sydney

Apr 2023 - Jan 2023

Key Subjects: Australian Business Culture and Environment, Achieving Career, Success, Australian Workplace Skills, and Professional Business Communication.

**Bachelor of Information Technology**  
Crown Institute of Higher Education, North Sydney 2060

Jan 2019 – Mar 2023

Key Subjects: Cloud, Networking, Programming, App Development, Software Engineering, ITIL, IT Project Management, ITGRC

**Certifications**

Web Development Boot Camp (UDEMY) - [Certificate URL](#)