

Dinesh Budhathoki

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About Me:

Energetic and detail-oriented full-stack developer specializing in the MERN stack. Skilled in Gen AI, integrating intelligent, autonomous agents into web applications to enhance user interaction and automation. Committed to continuous learning and delivering innovative, impactful software solutions.

Technical Skills:

- **Frontend:** JavaScript, Typescript, React, HTML, CSS, React-Bootstrap, Tailwind
- **Backend:** Node.js, Express.js, Mongoose, Python
- **Databases:** MongoDB, Firebase
- **AI & Automation:** Agentic AI integration, LLM-based assistants, AI-driven workflows, RAG
- **Tools & Platforms:** Auth0, JWT, Joi, Redux, React Query, Git and GitHub, Vercel, Render, Netlify, AWS, Stripe, Nodemailer
- **Other Skills:** REST APIs, Agile Methodologies, Scrum Methodology, Data Privacy Compliance.

Employment History:

Freelance Web Developer

Nov 2024 –Present

Technologies used: JavaScript, ES6, React.js, Jest, Node.js, Express, MongoDB, HTML5, Tailwind, Shadcn, Git and GitHub.

Key Responsibilities and Achievements:

- Developed responsive and dynamic web applications using React.js and Tailwind CSS, ensuring seamless user experiences across devices.
- Built and maintained RESTful APIs using Node.js and Express, with MongoDB for robust data storage and retrieval.
- Integrated advanced component libraries like Shadcn UI to accelerate development and maintain design consistency.
- Optimized front-end performance through best practices in ES6+ JavaScript, code splitting, and lazy loading.
- Designed and implemented secure authentication and authorization systems using JWT and best security practices.
- Actively participated in code reviews and continuous learning, staying updated with modern web development trends.

Chef (Ishikiya Japanese Restaurant, Midland, WA, Australia)

Feb 2022 - Nov 2024

Key Responsibilities:

- Demonstrated strong teamwork and time management skills in a fast-paced environment, improving kitchen efficiency by 15%.
- Facilitated daily pre-shift meetings focused on conflict resolution and active listening, increasing positive feedback scores on employees.

- Promoted within 6 months due to strong performance and organizational impact – ahead of schedule by 12 months.

IOS Developer Intern (Live With zest Australia)

Oct 2021 - Dec 2021

Key Responsibilities:

- Collaborated with a cross-functional team to develop an iOS Voice-to-Text Converter application using Swift and Apple Speech Framework.
- Spearheaded the adoption of a collaborative development process, enhancing code quality, accelerating development, and improving efficiency.
- Presented a well-structured final internship presentation with team members to supervisors and clients, showcasing project outcomes and insights.

Projects:

E-Commerce Web APP

June 2025 - August 2025

Engineered a Full Stack application using React, Tailwind, Shadcn, Nodejs, JWT, Redux, Joi, NodeMailer, Express.js, MongoDB, Mongoose and Stripe and implemented a user review feature incorporating a star rating system and detailed comments and providing valuable feedback for book selection.

Education:

Full Stack Development Bootcamp

Jun 2024 - Aug 2025

Dented Code Academy, Sydney NSW

- Built and deployed multiple real-world projects, using JavaScript, React, Node.js, Express.js, MongoDB, Mongoose and collaborating in agile teams.
- Gained expertise in API development, authentication, and deployment.
- Implemented responsive design and UI/UX best practices while utilizing state management solutions like Redux and Context API to enhance user experience and application performance
- Applied Agile & Scrum methodologies, conducted code reviews, collaborated effectively, and focused on debugging, performance optimization, and implementing security best practices.

Masters in Information Technology System

Aug 2019 - Dec 2021

Victorian Institute of Technology, Melbourne VIC

- Gained knowledge of database design, normalization, and optimization techniques for both relational and NoSQL databases.
- Acquired skills in securing applications, implementing encryption, and protecting networks from cyber threats using best practices.
- Mastered software development life cycle (SDLC), focusing on agile methodologies, version control, and building scalable and maintainable applications.
- Streamlined machine learning algorithms, data preprocessing, and model development using Python and relevant libraries like TensorFlow and Scikit-learn.
- Explored cloud computing with Azure, including deploying scalable applications and managing cloud storage solutions.