

SUBIN BAJRACHARYA

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SUMMARY

Full Stack Developer with over 5+ years of experience delivering secure, scalable, and maintainable web applications across PHP, JavaScript, and modern frameworks. Strong knowledge of object-oriented programming, version control (Git), and Agile practices.

SKILLS

React.js, Next.js, Node.js, Express.js, Java (Spring Boot), PHP 7+, Laravel, Python

PostgreSQL, MySQL, MongoDB, Redis, GraphQL

AWS (EC2, S3, Lambda), Docker, Kubernetes, Vercel, Render, GitHub Actions, CI/CD Pipelines

Responsive UI/UX, Photoshop, Illustrator, Accessibility Standards, Object-Oriented Programming, Secure Coding, Automated Testing, Documentation, Agile/Scrum, WordPress, Drupal, Magento, HubSpot, Postman, Figma, Webpack, npm, yarn, Jira

HTML5, CSS3, SASS, Bootstrap, JavaScript (ES6+), TypeScript, Tailwind

EXPERIENCE

Full Stack Developer

REBB TECH PTY LTD

November 2024 - Present, Rockdale NSW 2216

- Enhanced ERP background data processing speed by 38% over 6 months through seamless integration of React.js front-end with Node.js and Spring Boot backends using RESTful APIs, increasing workflow throughput for 100+ users.
- Designed and consumed RESTful and GraphQL APIs, integrating with PostgreSQL and Redis caching.
- Enhanced CI/CD workflows across four project environments over 6 months by implementing automated testing and deployment pipelines using Jenkins and Docker, reducing production incidents by 22% and decreasing deployment times by 60%.
- Rolled out robust authentication and authorisation modules using OAuth2 and JWT, ensuring compliance with modern security standards across platform components.
- Engineered robust unit testing frameworks using Jest and React Testing Library over a 6+ month project, achieving 97% code coverage across CRM modules and reducing post-release defects by 35%.
- Conducted comprehensive code reviews for 10+ cross-functional teams weekly over 6 months using GitLab, facilitating adherence to coding standards and reducing critical bugs in production releases by 27% across RESTful API and front-end deployments.

Software Engineer

ActionAid Australia

August 2024 - November 2024, Pitt Street, NSW

- Reduced component development time by 45% in a 3-month sprint by designing 20+ standardised, reusable React.js components, resulting in accelerated feature rollouts and \$85K lower engineering costs for CRM and event systems integrated with Java and PHP backends.
- Streamlined deployment workflows by automating CI/CD pipelines with GitHub Actions and Docker, accelerating release cycles and minimising manual intervention.
- Integrated RESTful APIs with third-party platforms, improving data synchronisation reliability and increasing supported data volume by 30% across event and CRM systems using Java and PHP.

Frontend Web Developer

Itonics Innovation

July 2020 - December 2022, Kathmandu, Nepal

- Developed reusable React components integrated with Express.js backends for CRM and event applications.
- Designed relational PostgreSQL/MySQL database schemas and integrated REST APIs.
- Implemented automated front-end testing workflows using Jest and Cypress, streamlining quality assurance processes on multi-tenant SaaS applications.
- Engineered advanced data capture modules using Gravity Forms over 4 major projects, enabling 99% data accuracy and reducing manual entry time by 60% within event management applications over 6 months.
- Directed migration of legacy customer portal to Vue.js over 7 months, leveraging Vuex for state management and Vuetify for UI, which improved user load times by 42% and enabled daily support for up to 800 concurrent logins.

Frontend Web Developer

Rapid Web Solutions

February 2018 - February 2020, Kathmandu, Nepal

- Developed responsive websites using PHP, MySQL, HTML5, CSS3, and Node.js.
- Integrated third-party APIs with Express.js and maintained version control using Git, and implemented bug fixes to improve stability.
- Engineered and deployed five cross-platform mobile applications using React Native over 18 months, utilising Redux for state management, which resulted in a 30% acceleration of project delivery timelines and seamless integration with existing RESTful APIs.

- Spearheaded the comprehensive upgrade of user interfaces for three enterprise-level platforms over 8 months, leveraging React.js and Material-UI to achieve a 50% uplift in user engagement metrics and reduce UI-related support tickets by 25% quarterly.
- Implemented React Hooks in the development of 10+ web components over 12 months, reducing code complexity by 35% and enabling a 25% decrease in bug frequency measured via Sentry, while elevating component reusability across multiple projects.

Web Developer

Smart Solutions

January 2015 - February 2018, Kathmandu, Nepal

- Delivered 10+ CMS-driven websites using WordPress, Magento, and Joomla, incorporating 30+ tailored PHP modules to boost custom functionality and drive a 22% increase in client engagement over two years.
- Engineered and deployed 12 client-facing web applications leveraging Next.js, React, and REST APIs over 18 months to accelerate page load performance by 35% and enhance SEO rankings, measured against monthly Lighthouse audit KPIs.
- Developed and maintained custom Elementor widgets for internal CMS over 8 months, integrating React.js and Laravel to streamline content management workflows for 40+ editors and increase publishing efficiency by 25%.
- Utilised Photoshop for over 2 years to create and optimise web-ready assets, supporting 45+ site launches and achieving consistent brand alignment while decreasing design-to-development turnaround time by 18%.
- Directed the migration of two legacy modules to Vue.js with Vuex over 6 months, enhancing component modularity and enabling a 50% decrease in page load latency as measured by Lighthouse audits for 5,000+ monthly users.

PROJECT

Library Management System

Dented Code Academy

- Introduced integration of API documentation frameworks and automation tools such as Swagger and GitHub Actions, which improved collaboration among front-end and back-end teams while minimising manual deployment tasks.
- Developed automated deployment processes for a Library Management System, utilising Docker and GitHub Actions to streamline updates to cloud environments hosted on AWS EC2 and S3.
- Engineered interactive data visualisation components using D3.js and Chart.js integrated with MongoDB, Express.js, React.js, and Node.js to provide real-time insights on library transactions.

Podcast Website

Itonics Innovation

- Launched a fully responsive podcast website utilizing custom WordPress theme development, supporting a 40% increase in average monthly listeners over six months by optimizing mobile compatibility and load speed.
- Customised themes and templates, reducing development time by 30% for future content updates.
- Integrated scalable content management features with WordPress REST API and custom React.js components, supporting the scheduling and release of 50+ podcast episodes per quarter while maintaining 99.9% uptime.

EDUCATION

Master of Information Technology and Systems

Victorian Institute of Technology (VIT) • The Rocks, NSW • 2025 • 4.95

- Software Engineering (Graduated with Dean's Honours Roll distinction)

CERTIFICATIONS

Full Stack Development Program

Dented Code Academy • 2025

- JavaScript | Typescript | Node.js | Express.js | React.js | Vue.js | Redux | MongoDB | GraphQL | Docker | AWS

Python Intermediate Bootcamp

VIT • 2024

- Python Intermediate Bootcamp.

Java Bootcamp

VIT • 2024

- Java Bootcamp.
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