

## BISHWAS THAPA MAGAR

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GitHub: [github.com/bishwasmgr](https://github.com/bishwasmgr)

Work Rights: Currently on 485 | Applying for PR (Subclass 190)

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### Career Objective

Recent Master of IT (Software Engineering) graduate from CDU with hands-on experience in QA, web development, and early-stage AI projects. Practical experience building web applications using Node.js and Ruby on Rails, along with frontend tools like React. Seeking a junior technical role to apply my skills in API development, stakeholder engagement, and digital transformation

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### Technical Skills

- **Languages/Frameworks:** JavaScript, Python (basic), ReactJS, HTML5, CSS3
  - **Tools:** Git, GitHub, Postman, Swagger, Jira, VS Code
  - **Testing:** Cypress, RSpec, Manual QA
  - **API & Integration:** REST APIs, JSON, HTTP
  - **UX/Design:** Figma, Responsive Design, WCAG
  - **AI Projects:** GPT-4, LangChain, Hugging Face (learning)
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### GitHub Projects

- **smart-review-sentiment-analyzer** – NLP tool for review sentiment classification
  - **Language\_Detection\_model** – Python model to identify language from text
  - **MeetBishwas.me** – Personal portfolio built in React + Tailwind CSS
  - **AI Text Summarizer** - Web app using Node.js and OpenAI API to summarize long-form content. Features a React frontend and prompt-engineered logic.  
([github.com/bishwasthapa/ai-text-summarizer](https://github.com/bishwasthapa/ai-text-summarizer))
  - **Sentiment Analysis Dashboard** - Flask tool using Hugging Face for NLP sentiment classification and dashboard visualization.  
([github.com/bishwasthapa/sentiment-dashboard](https://github.com/bishwasthapa/sentiment-dashboard))
  - **AustraTax** – Full-stack tax platform with automated frontend testing
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### Education

- Master of IT (Software Engineering) – Charles Darwin University, 2024
- Bachelor of Computer Science and Software Engineering – University of Bedfordshire, UK, 2018

## Professional Experience

### Software Test Engineer (Part-Time)

*NSAA Securities – Darwin | Mar 2022 – Oct 2023*

- Automated UI and API tests using Cypress and integrated them with GitHub Actions CI pipelines.
- Conducted backend testing, static and dynamic security testing for regulatory compliance.
- Designed test strategies for complex system components and handled defect tracking through Jira.
- Collaborated with developers and PMs to develop acceptance criteria and ensure test coverage.
- Performed exploratory testing, performance profiling, and root cause analysis.

### Software Test Engineer

*WhiteHat Engineering – Nepal | Apr 2018 – Mar 2022*

- Conducted cross-browser and cross-device testing using BrowserStack to ensure a consistent user experience across multiple platforms
- Performed API testing and automated regression testing using Cypress.io and RSpec, contributing to faster, more reliable release cycles
- Reported and documented usability, functional, and performance issues using Jira, enabling efficient bug triage and resolution
- Verified accessibility standards and compliance with WCAG 2.1, collaborating with frontend teams to improve inclusivity
- Worked closely with developers to debug UI components, enhance page responsiveness, and reduce load times
- Provided structured feedback through detailed test plans, test cases, and issue tracking logs during Agile sprints

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## Certifications and Courses

- **\*AI Engineer Bootcamp 2024\*\*** \*(In Progress)\* Training in Python, NLP, LLMs, LangChain, Pinecone, Hugging Face, and speech recognition
  - **AWS Certified AI Practitioner – In Progress**  
Covers machine learning fundamentals, data preparation, model training, and deployment on AWS  
Focused on practical use of SageMaker, AWS AI/ML tools, and real-world applications
  - **SQL Essential Training - LinkedIn Learning**
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## Referees

**Available on request.**