

ABISHKAR RAI

raiabishkar0.5@gmail.com | 0416881277 | Hurstville, NSW | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Software Engineer

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Software Engineer with extensive experience on deliver high-performance, reliable web applications by leveraging Asynchronous Programming, UX Components, System Design, and Microservices Architecture. Adept at working collaboratively with cross-functional teams to achieve user-centric solutions.

## WORK EXPERIENCES

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### Full Stack Developer

BizVision | Business Complete - UTS Startups

Step 2023 – Present

Sydney

### Key Responsibilities and Achievements

- Managed responsive UIs with JavaScript, React, Next.js, and Redux for EdTech and FinTech projects.
- Developed RESTful APIs with Node.js and Express to manage large number of requests on ecommerce projects.
- Developed MongoDB, SQL database, into the backend API system for efficient data storage and retrieval, enabling seamless data management.
- Remodelled API performance with pagination, rate limiting, Redis, and security methods like JWT and OAuth.
- Constructed unit testing using React Testing Library and Jest for code quality.
- Collaborated in an Agile/Scrum environment, conducting code reviews and debugging.
- Constructed CI/CD pipelines on AWS using S3, Elastic Beanstalk, CodeBuild, and CodePipeline.
- Developed an AI agent using Gemini AI, LangChain, Pinecone DB, LLM embeddings, and React/Node.js for customer service solutions.

### Full Stack Developer

Rebb Teach – Internship

Jan 2023- May 2023

Sydney

### Key Responsibilities and Achievements

- Collaboration with the team to build real-life projects using HTML5, CSS3, Tailwindcss, JavaScript, React, PHP, and MongoDB on the Edtech website.
- Designed software, managed project lifecycles, and conducted code reviews.
- Integrated REST/GraphQL APIs, social media logins, payment processes, CRM, and third-party APIs.
- Developed new features to enhance user experience and functionality, including payment systems.
- Integrated Google Analytics for data-driven marketing strategies and campaign analysis

## EDUCATION AND TRAINING

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Bachelor of IT – Software Development  
Federation University, Sydney

2019-2021

- Learned and understand languages such as HTML5, CSS3\SASS, and JavaScript.
- Learn to build real-life projects using SDLC technology and react, MongoDB, Node, Express, and RESTful API's stack technology and beyond.

## SKILLS

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### Technical Skills

- Programming languages: JavaScript ES6+, TypeScript, Python
- Web Development: Tailwindcss, Bootstrap, ReactJS, Next, Redux, Nodejs, LangChain
- APIs: RESTful APIs, API gateway
- Testing & Debugging: Jest, React-test-library, Debugging Tools
- Database: MySQL, MongoDB, Redis, Firebase
- Cloud Services: S3, Lambda, IAM, Amazon Elastic Block, Codepipeline, Docker, Amplify, Vercel
- Tools: Git, GitHub, Webpack, NPM, AI Agents

### Soft Skills

- Strong problem-solving and abilities to work with team
- Highly motivated self-starter with keen attention to detail.
- Exceptional communication and teamwork skills.

### Certifications

- Microsoft Certification – Carrer Essentials in Generative AI
- Creating a Serverless Application using React in AWS
- Building Dynamic Website using AWS Lambdas

## PROJECTS

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### E-commerce User CMS eCommerce project

[Live](#) | [GitHub](#)

- Developed a robust dynamic CMS system for e-commerce platforms named SnkerCrazy using JavaScript, React JS, Redux, Node.js, Express.js, and MongoDB.
- Implemented features focusing on performance and reliability, such as server-side rendering and API optimization.

### AI Agent – image to text model

[Live](#) | [GitHub](#)

- Implemented the solution that covert the image to text conversion using AI Model, LangChain, and AWS.

### Fit Feast – Custom GPT

[Live](#)

- Engineered personalized recipe algorithm for Fit Feast, optimizing meal suggestions based on ingredients, dietary needs, and health objectives.
- Integrated third-party APIs for seamless interaction with CHATGPT4's Action feature, enhancing user experience and accessibility of unique recipes.

**References - Available upon request**