

# Shekhar Singh

Full Stack Developer

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## Professional Summary

Full-Stack Developer with hands-on experience building production-grade web applications using React, Node.js, Python, and AI/LLM tools (LangChain, LangGraph). Skilled in AWS deployment, CI/CD pipelines, and Agile development, with a proven track record of leading sprints, delivering scalable solutions, and integrating AI features to enhance user experiences. Passionate about combining full-stack engineering with AI innovation to solve real-world problems

## Experience

**Web Developer** at BetaBuilders - Sydney, Australia(remote)

Oct 2025 – Present

- Built real-time communication features with WebSockets, supporting up to 200+ concurrent users for live interactions.
- Integrated AI chatbot functionalities, improving user engagement and automating 30% of repetitive user queries.
- Created responsive landing pages with HTML, CSS, Tailwind CSS, and JavaScript, reducing page load time by 25%.
- Collaborated in agile sprints and daily stand-ups, maintaining high code quality and achieving 100% on-time feature delivery.

**Full-Stack Developer Trainee** at Dented Code - Sydney, Australia

Sep 2024 – Present

- Led agile sprints as Tech Lead and QA Lead, achieving 95% sprint goal completion.
- Built production-ready web applications (FitAura, Library System, E-Commerce Platform) using React, Node.js, and MongoDB.
- Oversaw code reviews and automated AWS CI/CD pipelines, maintaining 99.9% uptime for the project

## Technical Skills

**Programming Languages:** JavaScript (ES6+), TypeScript, Python,HTML5, CSS3

**AI / LLM Tools:** LangChain, LangGraph

**Frameworks & Libraries:** React.js, Node.js, Express.js,Django rest framework(DRF), Next.js, Bootstrap,Tailwind CSS,Shadcn

**Databases:** MongoDB, MySQL

**Tools & Platforms:** Git, GitHub, AWS Elastic Beanstalk, Postman, Jira

**Concepts:** REST APIs, Agile Development, MVC Architecture, Authentication (JWT), CI/CD

**Testing Tools:** Jest

**Version Control & DevOps:** Docker, GitHub Actions, AWS

**UI Design Tools:** Figma

## Projects

**FitAura – Scalable E-Commerce Platform**

May 2025-Aug 2025

- Built a full-stack e-commerce platform with an AI chatbot, a role-based admin panel, and Stripe payments.
- Automated deployment via CI/CD pipelines on AWS for seamless production releases
- Links:[Live Demo Client](#) [Frontend GitHub](#) [Backend GitHub](#)

**Tech Stack:** React, Redux, Tailwind CSS, Node.js, Express.js, MongoDB Atlas, JWT, Stripe API, AWS, Docker, CI/CD

**Library Management System**

Feb 2025-May 2025

- Designed a web-based system to manage books, users, and borrowing history, with role-based access control
- Developed secure login and notification features to simulate workflow efficiency for librarians
- Built interactive dashboards to visualize borrowing patterns and streamline data handling
- Implemented REST APIs and backend services to manage multiple user roles and system operations effectively
- Links: [Live Demo](#) [Frontend GitHub](#) [Backend GitHub](#)

**Tech Stack:** React, Node.js, Express.js, MongoDB, JWT

Education

**Full-Stack Development Bootcamp**

Sep 2024 – Aug 2025

Dented Code Academy – Sydney, Australia

Key Achievements

- Owned full software projects, following SDLC from requirements to deployment.
- Built applications with React, Node.js, Express, MongoDB, AWS, and Docker.
- Led sprints and code reviews using Agile practices.
- Honed problem-solving and collaboration skills for professional software development.

**Python Developer Course**

Jul 2023 – Sep 2023

WsCube Tech – India

Key Achievements

- Learned core Python concepts including data types, loops, functions, and object-oriented programming through hands-on exercises
- Built mini-projects using libraries like NumPy and Pandas for data analysis and automation tasks

**Bachelor in Information System Management**

Sep 2015 – Mar 2019

Victoria University – Sydney, Australia

Key Achievements

- Learned how businesses use technology to solve problems through subjects like databases, software development, and IT project management
- Gained practical skills in designing systems, analyzing data, and working with teams to deliver tech solutions

Training & Coursework

- Programming Foundations: Data Structures – LinkedIn
  - Tailwind CSS 4 Essential Training – LinkedIn
  - JavaScript Essential Training – LinkedIn
  - Git From Scratch – LinkedIn
- Mar 2025

Apr 2025

Dec 2024

Mar 2024