

Shekhar Singh

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PROFESSIONAL SUMMARY

Innovative Full Stack Developer specializing in MERN stack and Python, delivering scalable web applications that enhance user engagement and operational efficiency. Proven track record of accelerating project delivery by 30% through optimized coding practices and agile methodologies. Adept at collaborating with cross-functional teams to design intuitive UI/UX using ReactJs, Bootstrap, and Figma, driving a 25% increase in customer satisfaction. Committed to leveraging technical expertise and creative problem-solving to contribute effectively to dynamic development teams and business growth.

PROFESSIONAL EXPERIENCE

Full Stack Developer

09/2024 - Present

REBB TECH

Sydney, NSW

- Directed development of responsive ReactJs web applications, boosting user engagement by 25% in 6 months through enhanced UI/UX
- Engineered scalable NodeJs backend services, cutting server response time by 30% and supporting 40% more concurrent users
- Optimized MongoDB databases, improving data retrieval by 20% to accelerate reporting and decision-making
- Implemented CI/CD pipelines with GitHub Actions and AWS, increasing deployment speed by 40%, ensuring 99.9% uptime, and mentoring team on best practices

Assistant Site Manager

02/2022 - 08/2024

Coles Express

Bathurst, NSW

- Led inventory management across 3 stores, boosting replenishment efficiency by 20% and cutting stockouts by 15%
- Optimized staff scheduling for 15+ employees, increasing labor productivity by 10% while ensuring compliance
- Delivered operational reports driving data-based decisions that improved site performance
- Maintained product quality and hygiene, achieving a 98% customer satisfaction rating

EDUCATION

MERN Stack Development Bootcamp

02/2024 - 08/2024

Dented Code, Sydney, Australia

Python Crash Course

07/2023 - 09/2023

Ws Cube Tech, India

Bachelor in Information System Management

03/2016 - 04/2019

Victoria University, Sydney, Australia

SKILLS

- | | | |
|------------------------------------|-----------------|----------------------|
| • HTML | • CSS | • ReactJs |
| • Bootstrap | • Figma | • UI/UX design |
| • React-router-dom | • NodeJs | • ExpressJs |
| • JavaScript/TypeScript | • Python | • Docker |
| • GitHub | • Vercel | • Cyclic |
| • Render Git | • Jira | • GitHub |
| • Trello | • AWS | • npm and yarn setup |
| • Postman | • ThunderClient | • Joi |
| • authentication and authorization | • bcrypt.js | • Nodemailer |
| • Stripe Payment | • multer | • mongoose |
| • morgan | | |

PROJECTS

Library Management System

Technologies: MongoDB,Express.js,React,Node.js,JWT,Joi,Nodemailer,Bootstrap

- Developed a full-stack Library Management System using the MERN stack with JWT authentication, enabling secure user login and real-time book availability checks to prevent over-borrowing
- Implemented a moderated review system with admin controls to ensure content quality and integrated Nodemailer for automated email notifications on due dates, boosting user engagement and timely returns
- Delivered an admin dashboard for efficient monitoring of books, members, and review statuses, improving resource management and transparency across the platform

Finance Tracker

Technologies: MongoDB,Express.js,React,Node.js,JWT (RSA encryption, refresh tokens),Nodemailer (SMTP, templating),RESTful APIs,Jest,Supertest

- Developed a secure JWT authentication system with RSA encryption and refresh tokens, replacing cookie sessions to enhance security for 500+ users
- Automated financial alert emails via Nodemailer with SMTP and dynamic templates, boosting user engagement by 25%
- Optimized Node.js/Express REST APIs with async processing and connection pooling, reducing response times by 30%
- Collaborated with frontend team to integrate React components with JWT flows, improving UI responsiveness and cutting auth errors by 15%
- Led MERN stack testing with Jest and Supertest, achieving 90%+ coverage and reducing bugs by 20%
- Mentored junior developers on token management and API optimization, accelerating deployment cycles

CERTIFICATIONS

MERN Stack Development Bootcamp

08/2025

Dented Code

Python basic to advance course

09/2023

WsCube Tech

Bachelor in Information System Management

03/2019

Victoria University

Python Crash Course

09/2023

Linkedin

Tailwind CSS 4 Essential Training

04/2025

Linkedin

Programming Foundations:Data Structures

03/2025

Linkedin

Javascript Essential Training

12/2024

Linkedin

Git From Scracth

03/2024

Linkedin