

Samrat Malla

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Recent Software Engineering graduate with fundamental knowledge of software design, development, and testing. Seeking to utilize broad educational background with excellent analytical, technical, and programming skills to thrive as an entry-level software engineer.

EDUCATION

Federation University

Master of Technology (Software Engineering)

Sydney, NSW

November 2023

Relevant Coursework: Java Programming, C++, Data Structures, Object-Oriented Design, Database Management Systems, Information Security, Assembly Language Programming, Computer Organization & Architecture, Software Engineering Process Management, Enterprise Software Overview, Software Quality Testing

PROFESSIONAL EXPERIENCE

Scodus Innovations Pvt. Ltd.

Software Engineer Intern

Kathmandu, Nepal

August 2020–Nov 2020

- Employ best coding practices and object-oriented programming techniques such as abstraction and association to work on full-stack software development projects
- Work as a part of a 5-member team to release and update 20+ custom .NET service-oriented applications for company clients in health and insurance niches
- Decreased software testing time by 15% by developing automated test scripts to alleviate testing bottleneck caused by large volume of tests
- Create, test, and deploy applications on custom hardware
- Reduced loading time by 80% by refactoring student library website's legacy JavaScript codebase

ADDITIONAL SKILLS

- Microsoft 365, Visual Studio, Android Studio, NetBeans, and Eclipse
- Visual Basic, C#, ASP, .Net, C, C++, Java, .NET, XML/HTML, JavaScript, Ajax, CSS

PROJECTS

Newcastle Auto Spare Parts

Developer

Sydney, NSW

July 2023–Oct 2023

Description: A online shopping experience with features like online shopping, secure and flexible payment options, personalized recommendations, and real-time inventory updates.

Used: Next, MongoDB, React, JavaScript

- **Newcastle Auto Spare Parts**
- Implemented user authentication using auth0, order processing, and inventory management features.
- Utilized node, express for backend development and mongo dB for database management.
- Implemented a verification process for customer email and phone numbers for login, registration, and checkout.
- Integrated a third-party payment gateway (Stripe) for secure and seamless online transactions.

QUICKSILVER BOOKING

Developer

Sydney, NSW

Jan 2022–June 2022

Description: A mobile hotel booking solution for iOS. Pulls and compares the best hotel prices in a geographical area.

Used: Swift, JavaScript, C++

- Worked across the development lifecycle to build and maintain code, eliminating 150 unique bugs
- Developed dynamic components for the app and created a new landing page that streamlined customer experience
- Built a new feature using Swift to automatically compare competing discount offers.

Certificate and Training

- Figma Prototyping: A deep dive for UX/UI Designer
- Big data Internship Program – Foundation
- MongoDB Essentials - Understand the Basics of MongoDB
- 100 Days Of Code - 2023 Web Development Bootcamp
- 3 months as QA in Gamenic Nalamiz Technology

References

- Will be provided upon request.