

SAMIR RAI

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PROFILE

Well-qualified full stack developer with over three years of experience with software engineering role along with wide range of programming utilities and languages. Knowledgeable of backend and front-end development requirements. Seeking an opportunity to make a contribution to your organization.

WEBSITE, PORTFOLIO, PROFILES

- <https://github.com/samikhaling>
 - <https://samir-fullstackportfolio.netlify.app/>
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EDUCATION

POST GRADUATION DIPLOMA

May 2021 - January 2023

Lambton college, Mississauga, ON, GPA: 3.16/4.0

Post-graduation Diploma in Computer Software and Database Development

BACHELOR OF ENGINEERING

April 2012 - September 2016

Acharya Institute of Technology (VTU), Bengaluru, Karnataka, India GPA:2.0/4.0

Bachelor of Engineering in Computer Science

Work History

Full-Stack developer, Kozzaja Infotech Pvt. Ltd., New Baneshwar, Kathmandu, Nepal, July 2017–November 2019.

- Proficiency in the use of cutting-edge JavaScript frameworks and libraries, such as Node.js, React.js/Redux, Next.js, Bootstrap, GraphQL, Typescript, Ember.js, and responsive web design.
- Experience with methodologies including the Software Development Lifecycle (SDLC), Test Driven Development (TDD), Iterative Development, Agile methodologies(SCRUM).
- Implemented and optimized a REST API to connect applications to backend services, which increased page speed by 15%, ensuring consistency among all products.
- Used restful services and APIs to create reusable, clean, high-performance code, UI react components, and web development ensuring client satisfaction.
- Used Node.js to configure security settings for authentication and authorization using JSON web tokens.
- Experience implementing MVC and Redux architectures utilizing React components, reducers, and actions, as well as knowledge of middleware.
- Experience with UI/UX design patterns and principles.
- Experience with CDN and caching best practices and SEO optimization.
- Experience in collaborating with cross-functional teams to recognize and solve complex problems Self-motivated analytical thinker, have good problem solving skills, and are always willing to learn new technology.
- Experience with ui/ux design principles, web services and innovation.
- Good Document Object Model (DOM) and Advanced DOM Manipulation Understanding.
- Strong expertise in MySQL, MongoDB, SQL Server, PostgreSQL, and Firebase database design and development.
- Knowledge of AWS services including Lambda, S3, and EC2, as well as experience creating APIs with Lambda functions.

- Knowledgeable about utilizing unit tests technologies like Karma and Jasmine. For writing unit tests and mocking routines, Jest and Enzyme were used.
- Good understanding about data structures object-oriented programming as well as architectural design.
- Worked with troubleshooting or debugging software like Jira, continuous integration tools like Jenkins, and version control systems like Git.
- Experience with the CI/CD pipeline and the DevOps process.

Technical SKILLS

Languages

C, C++, Java, Python, JavaScript, .net

Web Technologies

HTML, JavaScript, ECMA Script (ES 6), CSS,

React.js, Next.js, angularjs, Node.js, Express.js, JQuery, Ajax

Unix, MacOS

, XML, DHTML, XHTML, JSON, Tailwind CSS.

Servers

IBM WebSphere, Apache Tomcat8

IDE Tools

Eclipse, Sublime text editor, Visual Studio and

Adobe photo shop, Notepad++

Database/API

MySQL and SQL Server, SQL Developer, Mongo DB,

PostgreSQL, Firebase.

Operating Systems

Windows 2007/2003/2000/NT/XP, Linux,

Frameworks

React.js, Next.js, Node.js, Bootstrap

Testing Tool

Jasmine, Postman, Mocha, JIRA

Version Control System

GIT, GitHub, TFS

PROJECTS

Desk-Booking System, Lambton College, Mississauga, ON, August 2022–December 2022

- Developed a desk-booking application using MERN technologies.

E-commerce Project, Lambton College, Mississauga, ON, August 2022–December 2022

- Utilize Node JS and SQL or MongoDB databases to create contemporary, quick, and scalable server-side e-commerce web apps.

Food-Order Application, Lambton College, Mississauga, ON, August 2021–December 2021

- Responsive full-stack food delivery application using Next.js, PostgreSQL, Auth.js, Stripe, Docker, React Query, and Zustand.

CERTIFICATIONS

- Java Training (ABC for Technology Training, Bengaluru) Three months of certification where core concepts were studied
- Web design (CSE) certification for two months
- React.js development course from udemy.
- Advanced JavaScript course from udemy.