



**Name: Archana Pant**

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**Summary:**

Experienced software engineer with 3+ years of experience in designing and developing web and mobile applications. Proficient in various programming languages such as Ruby, C#, Python, and C++. Strong understanding of software development life cycle and ability to work collaboratively with cross-functional teams.

**Education:**

- Bachelors of Science in Computer Science and Information Technology (BSc. CSIT), Tribhuvan University University, 2016-2020
- Relevant coursework: Data Structures and Algorithms, Object-Oriented Programming, Software Engineering, Database Systems, Operating Systems

**Skills:**

- Programming languages: Ruby, C++, C#, JavaScript, typescript, Python
- Web development technologies: HTML, CSS, JavaScript, React, jQuery, Tailwind CSS, Bootstrap, Elastic Search, rest APIs
- Web development frameworks: Rails(proficiency), React, React Native, entityframework
- Database technologies: PostgreSQL, MySQL, noSQL, MongoDB
- Software development methodologies: Agile, TDD, BDD, Scrum
- Cloud Platform: heroku, azure
- Familiarity with version control systems: Git, CI/CD
- Mailchimp, Stripe, SEO, Graphic designing, Google analytics, Figma, Wordpress, Shopify
- Strong problem-solving and analytical skills with good communication skill

**Professional Experience:**

Software Engineer, Narmada Infosys, 2020(jan) - 2022(aug)

- Collaborate with cross-functional teams to ensure the development of software that meets business requirements
- Design, develop, and maintain web applications using Ruby on Rails
- Develop and maintain RESTful web services using Ruby and Rails framework
- Design and implement scalable and efficient database structures using Postgre, MySQL
- Participate in code reviews and provide constructive feedback to peers
- Utilize agile software development methodologies to deliver high-quality software within tight deadlines

Full Stack Developer, Good Works On Earth NGO, Florence, Oregon 2022(aug)-present

- Worked under highly experienced team of developers to design and develop a web-based application using Ruby on Rails
- Participated in daily stand-up meetings and provided status updates on progress
- Collaborated with team members to identify and resolve technical issues
- Utilized version control system (Git) to manage codebase and track changes

### **Projects:**

- Developed a web-based city portal application for a startup that allows users to interact with several modules and manage tasks using HTML, CSS, jQuery, JavaScript, Bootstrap and Rails framework. Utilized PostgreSQL database to store and retrieve data. Also was creating a mobile app with flutter.
- Developed an office management system using Rails, which was later used by the organization.
- Developed a food ordering system with firebase on backend and react as frontend, also developed the mobile app with react native.
- Integrated payment gateway with Stripe.
- Done vigorous testing with rspec, capybara
- Upgraded an very old app, with solving the confusing errors on app and deploying it to heroku (currently working)
- Created a new app called Stararts, which was supposed to be a Good Works On Earth research site containing a database designed to research English in a revealing way.
- Pothole detection system, which is a machine learning project based on image detection.
- Also have created several other web apps for schools, ayurvedic hospital, food order and reservation system and other portfolio websites.