

**Prativa Pokhrel**

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**Overview:**

Seeking a full-time software engineering position

**Education:**

**Youngstown State University, Youngstown, OH**

Masters of Computer Science and Information Systems

Expected Graduation: May 2023

**National College of Engineering, Kathmandu, Nepal**

Bachelor's Degree in Computer Engineering

Graduated: October 2016

**Work Experience:**

**Software Engineer, Jyassa Technologies, Nepal**

(Mar 2020 – Aug 2021)

- Built private and public apps for Shopify using webhooks and GraphQL
- Collaborated with an agile team and helped prioritize and breakdown the tasks.
- Built credit card forms and assured payment reliability with Stripe API, Braintree API
- Build extensive test coverage for old and new features using RSpec and Capybara

**Software Engineer, Banba Group, Nepal**

(Dec 2016 – Oct 2019)

- Carried out functional, unit, and integration tests for application quality assurance
- Implemented and enhanced CRUD operations for the applications using MVC architecture
- Integrated email functionality using Sendgrid
- Upgraded associated gems across multiple Rails and Ruby versions
- Documented Rails APIs using swagger-docs

**Research Experience:**

**Graduate Research Assistant, Youngstown State University, OH**

(Aug 2021 - Present)

- Work on machine learning interpretability for tabular data using Mljar and SHAP
- Responsible for finding, implementing, and validating research papers

**Technical Skills:**

- Ruby on Rails, HTML, CSS, JavaScript, ReactJS, PostgreSQL, RSpec, R programming, Python, Shopify, GraphQL, Codeship, Jenkins, Docker, Git, Linux, Postman, Heroku

**Relevant coursework:**

- Advanced Database Design and Administration, Data Warehousing and Data Mining, Theory and Practice of Information Systems, Predictive Modeling Algorithms, Encoding and Encryption, Data Visualization

**Activities:**

- Presented a talk on scholarly activity for Diversity of Scholarship, YSU, OH
- Presented a talk on Braintree Payment in Ruby Meetup, Nepal
- Participated in Space Apps Hackathon, Nepal
- Presented a talk in Flairs-35 and published an article <https://journals.flvc.org/FLAIRS/article/view/130611>