

# ABIRAL SUBEDI

Software Engineer · Norfolk, Virginia · +1-757-559-7201  
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Software Engineer with nearly four years of experience in full-stack development and leading product cycle from conception to completion. Guided a team of 7 members through 3 product launches at a recent experience in a high-growth eLearning technology startup.

## PROFESSIONAL EXPERIENCE

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Innovate Tech, Kathmandu, Nepal

Jan 2019 – Jul 2022

### Software Engineer - My Second Teacher Application Team

- Developed, tested, and integrated React-based applications with performant REST APIs with support for localization, increasing user engagement by 10%
- Collaborated with internal teams, including graphic design and QA testers to launch a real-time chat application in just 3 months, ahead of schedule by 1 month
- Designed and developed a competency evaluator system for students to assess their knowledge using automated test papers which improved user satisfaction by 26%
- Built and released standalone dummy UI-Components library and integrated it with multiple projects with maximum code reuse
- Created a Business Intelligence tool for interactive dashboarding and visualizing KPI scorecards, saving 15 hours a week of manual reporting work
- Migrated related micro-services to the monorepo structure using Nx that enhanced 30% efficiency on release management and code reusability
- Analyzed areas of improvement and optimized API requests by using caching and auto revalidation which eliminated 15% of unnecessary requests
- Wrote reusable unit test documents to ensure quality control and detect bugs by increasing over 30% efficiency rate
- Collaborated with QA software testers to conduct E2E testing using Cypress, improving software accuracy by approximately 20%
- Built responsive and interactive user interfaces, increasing mobile traffic by 24%

Rigo Technologies, Kathmandu, Nepal

Sep 2018 – Dec 2018

### Software Developer Intern

- Designed and implemented 60+ E2E tests using Selenium & Protractor
- Worked with senior team members to assist the development of 3 applications on a wide variety of platforms including web and mobile

## EDUCATION

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**Old Dominion University**, Norfolk, Virginia

Aug 2022 - Aug 2024

Master's of Science in Computer Science

**London Metropolitan University**, London, UK

Jul 2018 - May 2021

Bachelor's of Science in Computing

## SKILLS

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**Languages:** JavaScript, TypeScript, Python

**Technologies:** React, Next.js, React Native, Node.js, Express.js, MongoDB, MySQL, PostgreSQL, Git, Github, Gitlab, Docker, Webpack, Babel, Redis, AWS, S3, SES, Lambda, SQS, AWS Code Pipeline and CodeBuild, AWS EC2 and Elastic Beanstalk, Socket.io, Nx, Vite, Capacitor, Redux, Saga, Thunk, Redux Toolkit, React Query, Cypress, Nightwatch.js, Jest, Enzyme, React Testing Library, Storybook, SASS, CSS Module, Material UI, Tailwind CSS, and Reactstrap