

# SHAH EMRAN

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## EXPERIENCE

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### Umpqua Bank

*Software Engineer*

Jan 2022 - Jun 2024

*Seattle, WA*

- Developed a comprehensive branch locator system for over 300 bank locations, improving customer navigation and increasing online branch searches
- Enhanced code quality by implementing end-to-end testing with Playwright and unit testing with Jest, reducing production bugs by 25% and accelerating deployment cycles by 15%
- Integrated third-party APIs to enable real-time branch information and map interactions, leading to a 40% increase in user engagement with branch locator tools
- Collaborated in an Agile environment, managing version control with Git and implementing CI/CD practices to streamline deployments and improve code quality

### Warsaken Game App

*Front End Developer Intern*

Jan 2021 - Jun 2021

*Auburn, WA*

- Developed the profile and home pages for the app using Flutter, enhancing the user interface and user experience
- Integrated Twitch streaming and chat features on the Warsaken website, increasing active user sessions by 35%
- Enhanced user data security by implementing robust authentication and validation, ensuring compliance with OWASP security standards

### NewslyMeApp

*Software Developer Intern*

Sep 2020 - Jan 2021

*Auburn, WA*

- Developed a real-time news dashboard using React and Redux, boosting content delivery speed and improving user experience
- Built a customizable push notification settings interface, leading to a 40% increase in user opt-in rates for notifications
- Deployed backend infrastructure with AWS DynamoDB, enabling scalable data storage to support NewslyMe app's user activity and content demands

## PROJECTS

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### DaySide LLC (PHP)

- Built a responsive website for a leadership and management consulting firm using PHP and Bootstrap
- Developed a backend using complex SQL and PHP, delivering key features and a custom admin interface

### COVID-19 News (Python, React)

- Developed a dynamic website that scrapes and aggregates the latest COVID-19 news from multiple reliable sources using Python and BeautifulSoup

## EDUCATION

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### Bachelor of Applied Science - Software Development

*Green River College*

Sep 2016 - Jun 2021

*Auburn, WA*

### Master of Science - Computer Science

*University of Colorado Boulder*

Jan 2025 - Present

*Boulder, CO*

## SKILLS

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Git, Docker, AWS, Python, TypeScript, JavaScript, PHP, React, Next.js, GraphQL, SQL, Playwright, Jest