# Usman Ahmed *Full-Stack Software Developer*

✉ uxmansohee@gmail.com

📍 Avenue de la Couronne 590, Brussels

▣ https://www.hackerrank.com/profile/uxmansohee

📞 0466055847

🔗 https://www.linkedin.com/in/oxm-ahmed/

## Profile

Full Stack Software Engineer with 3+ years of experience in developing and maintaining web applications using Ruby on Rails, React JS, and Nex JS. Proficient in front-end and back-end development, with a strong understanding of software development principles and agile methodologies. Skilled in problem-solving and collaborating effectively with clients and other stakeholders to deliver high-quality solutions. Proven track record of delivering high-quality code and managing projects to meet client needs.

## Education

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| 2023 – 2024<br>Brussels, Belgium | **MS Computer Sciences**<br>*Vrije Universiteit Brussels* |
| 2017 – 2021<br>Lahore, Pakistan | **BS Computer Sciences**<br>*University of Central Punjab* |

## Professional Experience

**2021/08 – present**
**Remote, USA**

**Full-Stack Software Engineer**
*InvoZone*

- Developing and maintaining of new and existing web application features for both internal administrators and end users using Ruby on Rails, Node.js, React.js and Elixir
- Developing many features using Ruby on Rails with PostgreSQL database
- Analyzed, designed, coded, debugged, tested and modified new software or enhancements while considering software abilities.
- Working in an agile based test-driven development environment
- Wide usage of GIT for version control and peer to peer evaluation
- Worked on integrating ruby and react based web applications to multiple services using REST API
- Provided validations and scope for many models present in the database and created many associations within those models
- Involved in cleaning the database by removing the duplicate records and introduced the constraints through the migration file
- Created strategic technical designs for small scope projects within team
- Provided high-level architecture guidance and develop specifications to resolve software problems
- Experience with Unit test cases using RSpec (Testing framework of Ruby on Rails)
- Familiarities with advanced concepts of Rails ActiveJobs, Rake Tasks, and ActionMailer.
- Worked with Active Admin framework for generating administration style interfaces
- Write scripts using Rake Tasks in Rails for managing data in databases.
- Worked with SQL Databases. PostgreSQL and MySQL
- Worked with Jira in Agile methodology
- Familiarities with Docker Environment

**2023/10 – 2024/04**
**Remote**

**Software Developer**
*Fixxer*

- Developed web applications using Ruby on Rails, Node.js/React.js, Elixir/Phoenix backed by a PostgreSQL database
- Developed many features in an agile environment using Ruby on Rails.

- Worked on developing a sustainable architecture using ROR application framework and Ruby
- Used git for version control and bitbucket for peer to peer evaluation
- Used Rspec and BDD unit testing to specify and test controller classes, models, view templates
- Followed Agile development methodology and scrum for the project
- Integrating third party SOAP and REST API's with new and existing web applications
- Maintained existing applications by fixing existing bugs and bugs in development tasks

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| 2021/03 – 2021/08<br>Hybrid, Pakistan | **Software Engineer Intern**<br>*Cyber Nest* |

- Developed Web Applications using Ruby on Rails, Elixir/Phoenix, , React.js and pair programming
- Developed client-side validations in Rails and using JQuery and JavaScript.
- Composed Cucumber and Rspec tests in the application and coded JavaScript for page usefulness pop-up screens
- Wrote Ruby on Rails scripts for bootstrap file from both frontend and backend and scripted controller files in order to cache the object stored in the bootstrap
- Developed API using Rails framework and managed code with integration and unit testing

## Skills

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| Ruby on Rails, Node.js, Express.js, Elixir/Phoenix, TypeScript | React.js, Next.js, Vue.js, Redux Toolkit, HTML, CSS |
| MVC, RESTful API, TDD, RESTful Web-services, SOAP | PostgreSQL, MySql, MongoDB, Redis, ElasticSearch |
| Agile, Scrum, Waterfall, CircleCI, Honeybadger, Swagger | Micro-services, Docker, Kubernetes, Redis, AWS, DigitalOcean, CI/CD Pipelines |
| Git, GitHub, GitLab, Bitbucket | RSpec, JEST, ExUnit |
| Bootstrap, Material UI, Tailwind CSS | Slack, Jira, Clickup, Postman |

## Languages

- English
- Dutch

## Certificates

- Frontend Developer (React) Certificate ⧉
- Node.js (Intermediate) Certificate ⧉
- Software Engineer Certificate ⧉
- Problem Solving (Intermediate) Certificate ⧉