BEHNAM AGHAALI

FULL-STACK DEVELOPER (RUBY ON RAILS)

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 behnam1369.github.io/Portfolio

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SKILLS

Backend
Ruby, Rails, Active Record, Action Cable, Websocket, Delayed Jobs, Sidekiq, etc.

Frontend
HTML, CSS, JavaScript, React, Redux, Vue.js, typescript, Next.js, jQuery, Sass, Bootstrap, Tailwind, Vuetify, Material UI, Axios, GraphQL (GQL)

Databases
SQL databases (PostgreSQL, My SQL, SQL server) and NoSQL databases (Redis, Firestore/Firebase, MongoDB)

DevOps and CI/CD
Jira, Trello, Git, Github, Gitlab, Gitflow, Docker, Kubernetes, Nginx, AWS (ECS, EC2, S3, Beanstalk, S3, Lambda), Heroku, CircleCI, GitHub actions

Testing tools
Rspec, Jest, Mocha, react-testing-library, Cypress, Selenium

Other Tools & Methods
Postman, web API, Mobile/Responsive Web Development, Test Driven Development (TDD), Code Review, Documentation, Confluence, MVC, SOLID principles, Business Intelligence (BI)

Professional (Soft) skills
Remote Pair-Programming, Teamwork, Communication, Mentoring, Critical Thinking, Problem Solving, Organization Skills, Time Management, Work Ethic, Attention to detail, Adaptability, Prioritizing

SUMMARY

Full-stack web developer with over 5 years of experience in **designing**, **developing**, **testing**, and **deploying** web applications. Proficient in both **frontend** and **backend** technologies, with a proven track record of delivering high-quality solutions. Experienced in leading complex projects, optimizing performance, and enhancing security. Strong advocate of **agile methodologies**, **test-driven development**, and **continuous integration/continuous deployment (CI/CD)** practices.

WORK EXPERIENCE

Mesh Scheduling Inc | Kingston, Canada (remote)
Senior Full-stack Web Developer | Sep 2023 – Present

- Developed a physician scheduling solution used by 4,000+ active daily users.
- Implemented **API** endpoints in **Ruby on Rails** for mobile and web applications, using the **MVC** architecture.
- Utilized **Action Cable** to broadcast real-time updates to all active users.
- Optimized performance by leveraging **Redis** for caching and **Bullet** to detect N+1 queries.
- Managed **background jobs** with **Delayed Jobs**, improving system efficiency.
- Led key features such as block scheduling and two-factor authentication (2FA) for enhanced **security**.
- Migrated the application from **Rails 6** to **Rails 7**, ensuring smooth transitions.
- Built complex UIs using **Vue.js** and **Vuetify**, creating seamless user experiences.
- Established an **end-to-end (E2E) testing** suite using **Cypress** to ensure product quality.
- Automated **CI/CD pipelines** with **Docker**, **Kubernetes**, **CircleCI**, and **AWS**.

NSTK (International petrochemical company) | Tehran, Iran
Full-stack Web Developer | Apr 2019 – Sep 2023

- Worked on the development of an in-house solution for an international commercial business.
- Transitioned from a fully manual accounting system to issuing more than 85% of journal entries automatically.
- Used **Ruby on Rails** to create an **API**-only **backend** system.
- Used **React and redux** to build the **frontend** application.
- Used **React testing Library** to write integration tests.
- Created an entire CRM application including (Tendering, Sale, Marketing, Receipt and Payment, etc.)
- Used **docker** to create an integrated development environment.
- Created a **business intelligence** module, including a variety of managerial dashboards, ETL, scheduled jobs, etc.

Pezhvak Energy | Tehran, Iran (Remote)
Full-stack Web Developer | Jan 2018 – Apr 2019

- Developed a contract management system designed to improve internal controls and monitor contractors, their invoices, and their balances on a timely basis.
- Created a flexible workflow manager, that allows admins to assign workflows to each type of invoice or contract, and manage steps of the workflow.
- Implemented a notification management system that can alert overdue unhandled items, adding invoices that are not compliant with the contract rate, etc.

Education

Allameh Tabatabai University | Tehran, Iran
Master's Degree, Accounting | Sep 2012 – Feb 2016

- Achieved access to the university after earning a rank of 19th among more than 200,000 applicants in the national entrance exam.