

KAMRAN RAHMANI

Fullstack Developer | Data Analyst

📍 Halifax, NS (open to relocate)
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SUMMARY

- Experienced in developing web applications for over three years across diverse domains such as healthcare and entertainment with a focus on meeting business requirements.
- Possesses a sharp analytical mindset, capable of assessing problems from different perspectives which assists in the decision making process to address current and upcoming challenges.
- Able to obtain a good grasp of new technologies and concepts in a relatively short period of time which leads to quick team integration and faster development.
- Keen eye for detail and strong problem solving skills, able to break down a problem into smaller chunks which results in designing and developing necessary components and interfaces for seamless data flow when implementing new application features.
- Effective communicator, able to express personal opinions while listening to other people's thoughts which results in building rapport and creating a dynamic team environment

WORK EXPERIENCE

October 2023-January 2024

Fullstack Web Developer

🏢 TCG Machines
📍 Calgary, AB (Remote)

- Actively collaborated with team lead and other developers by participating in project planning sessions through Microsoft Teams, discussed the upcoming goals and tasks and exchanged ideas in order to come up with the most appropriate decisions such as ensuring consistency for data formats between the web development and data science teams.
- Utilized React.js and Mantine UI library to design and implement new reusable user-interface components, adhering to clean code principles, in order to effectively develop new features that meet customer requirements and business objectives.
- Carefully reviewed new tools documentations such as Prisma.js ORM and Zod, utilized the acquired knowledge to manage database migrations and perform data validation. This facilitated the gradual migration of the codebase from raw SQL queries to ORM, resulting in more concise code for safely validating, manipulating and storing user data in the MySQL database.
- Crafted backend API logic using Node.js, Express.js and Typescript in separate modules and files across the project in order to be consumed by frontend components to give them the required functionality.
- Independently gathered and organized a dataset from a third party POS website in order to properly transform the existing internal data to the appropriate format by writing several rules which ensured it would be ready to be exported as a CSV file to the POS website so that the store owners would be able to import the file to the POS website in order to manage their inventory and pricing.

March 2022-July 2023

Fullstack Web developer

🏢 Perla

📍 D.C. USA (Remote)

- Crafted the user interface for landing page and blog page in React.js, adhering closely to the design specifications which made the application usable for a variety of screen sizes such as mobile and computer screens.
- Implemented authentication system for the company website written in Node.js and Express.js using username and password stored in MySQL database, in addition to single sign on with LinkedIn API which resulted in better user experience by enabling businesses to authenticate via their LinkedIn account while respecting user's preferences.
- Wrote unit tests with Jest to assess the functionality of new components with several test cases to detect potential errors and ensure that components behave as expected with different inputs, meeting company demands.

March 2021-January 2022

Fullstack Web developer

🏢 Nodemon LLC

📍 Virginia, USA (Remote)

- Implemented several responsive user interface components using React.js and Tailwindcss for an online polling application that lets people share their opinions and thoughts on different subjects through surveys.
- Collaborated with fellow developers to migrate React.js functional components and related dependencies from JavaScript to TypeScript to achieve a more robust codebase and better development experience with the purpose of preventing possible errors in earlier stages of development.
- Detected several system bottlenecks and took appropriate actions such as caching in order to boost performance and mitigate further future issues.

EDUCATION

2024-Current

Junior Data Analyst

🏢 NPower Canada

📍 Halifax, NS

- Utilize Excel spreadsheets to perform data cleansing and data mining.
- Develop working knowledge of Python language for data analysis using Pandas and Numpy.
- Effectively complete a capstone project by collecting data from multiple sources such as web scraping using BeautifulSoup, performing data wrangling, exploratory data analysis, statistical analysis and mining of the data using Python libraries.
- Work extensively on creating charts and plots to visualize data, and building an interactive dashboard using IBM Cognos Analytics and various Excel charts/graphs.
- Visualize data using Python libraries including Matplotlib, Seaborn, Plotly and Dash.
- Compose queries to access data in cloud databases using SQL and Python from Jupyter notebooks.

- Explain cloud concepts, benefits of cloud computing and core Azure architecture components.
- Use core Azure services and choose the Azure AI services that best address a company's challenges.
- Control Azure spending and managing bills by applying recommended practices to minimize cost.
- Demonstrated a high level of understanding of Agile Project Management Lifecycle and key techniques and successfully complete Agile projects using Scrum methodology.

2019-2021

Electrical and computer engineering

🎓 Concordia University
📍 Montréal, Quebec, Canada

SKILLS

Programming and Query languages: JavaScript(ES6) , TypeScript , Python , SQL

Web development: React.js, Node.js, Express.js, MySQL, Prisma.js, Tailwindcss, HTML, CSS, integration and creation of REST APIs, familiar with Next.js and CI/CD pipelines

Data analysis: Pandas, Numpy, BeautifulSoup, Matplotlib, seaborn, Microsoft Excel, IBM Cognos Analytics

Collaboration tools: Git, Bitbucket, Github, Jira

CERTIFICATIONS

Microsoft Azure AI900

AI900 is Microsoft's Certification for AI fundamentals. Knowledge gained after reading the material and passing the exam includes:

- Describe Artificial Intelligence workloads and considerations
- Describe fundamental principles of machine learning on Azure
- Describe features of computer vision workloads on Azure
- Describe features of Natural Language Processing (NLP) workloads on Azure
- Describe features of generative AI workloads on Azure