Raghav Rudhra

Software Development Engineer

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SKILLS

- JavaScript | TypeScript | Python | Java, C++ | C | OOP | Vs Code | MySQL | PostgreSQL| Web Development | React | Next.Js | Material UI | Back-End | Node.js | Flask | Django | A/B Testing | Jest | Microservices | Kubernetes | Docker.
- Amazon AWS | DynamoDB | EC2 | Lambda | Machine Learning | Sagemaker | Time Series Forecasting | Scikit-learn | PyTorch | TensorFlow | Data Analytics | Excel | Tableau | Matplotlib | Agile Development | JIRA | GIT | LINUX.

EDUCATION

Bachelor of Science, Field of Computer Science. - *Lakehead University, Thunder Bay, ON.* (*Apr* 2022 3.7/4).

Worked 2 Part-Time jobs to defray cost of tuition. Created multiple full stack projects as a team leader and worked with several experts in the industry to oversee and mentor while development.

Coursework:

- **Introduction to Artificial Intelligence**. Created a multiple parameter ANFIS model to detect and rate Exoplanets on the criteria based on [Turnbull, M., & Tarter, J. (2003). Target Selection for SETI. I. A Catalog of Nearby Habitable Stellar Systems](#). - *Excellent teachers remark for the project along with a 90% score.*
- **Software Engineering**. Lead a team of students to create a Full Stack Hotel Management Website with real time updates (webhooks) for room booking confirmation, user authentication, login and Payment processing using 3rd party API.

EXPERIENCE

- Resource Software International Ltd. (RSI) - Full Stack Cloud Engineer
  May 2022 – Present
  o Developed integrated applications utilizing React, Node, Next, and various AWS services, working on both frontend and backend components, microservices, and data collectors.
  o Created a comprehensive set of guidelines and best practices for coding and project structure, fostering a better development environment and facilitating the adoption of SCRUM methodology for improved team collaboration and enhanced CI/CD output time.
  o Implemented responsive frontend components using React, elevating the user experience to a new level.
  o Collaborated with the team to create a new version and upgrade the architecture of an existing application using the Next.js framework, while seamlessly transitioning the backend structure to work harmoniously with AWS services and Next.js.
  o Played a vital role in identifying bugs within incoming events from third-party integrations, leading to the discovery of a critical bug in the Vendor's call event stream.

- Bangaree Infotech Solutions – Junior Web Developer
  Jan 2020 – Nov 2021
  o Actively participated in customer meetings to provide valuable insights and ensure successful project implementation.
  o Leveraged React, Node.js, and Flask frameworks to develop a robust inventory tracking application for businesses.
  o Demonstrated expertise in creating and managing databases using PostgreSQL, MySQL, and AWS storage solutions such as S3 and DynamoDB, enabling efficient online inventory management for clients.
  o Developed and maintained Python ETL scripts to process raw data, enabling accurate analytics and seamless cloud storage leveraging AWS services.

Referrals available on request.