Rahul Kherajani

 Halifax, Canada   ✉ rahulkherajani@dal.ca   📞 (902)412-6914   in Rahul Kherajani   ⌂ RahulKherajani   ⤤ Website

Skills

Programming Languages	**Databases**
JavaScript, Python, Java, SQL, PLSQL	MySQL, Oracle DB, MongoDB, Firebase, Neo4J
Web Technologies	**Cloud Technologies**
HTML5, CSS3, React Js, Express Js, Node Js, Material UI, Bootstrap, Figma	AWS: EC2, VPC, Elastic Beanstalk, Lambda, S3, DynamoDB, API Gateway, Cognito, SNS, Amplify, Secrets Manager.
Miscellaneous	
JIRA, Scrum, Docker, Postman, Git	

Professional Experience

Senior Systems Engineer, *Infosys Limited*   Jun 2018 – Jul 2021
                                                                                   Hyderabad, India
- Analyzed SCM & financial systems designed in Oracle ERP and suggested enhancements to streamline client processes.
- Developed and consumed REST APIs in Java based Oracle systems.
- Developed user-facing UI screens using HTML, CSS, JavaScript & React JS.
- Developed complex SQL stored procedures and functions for various client requirements
- Performed manual Unit Testing across multiple client projects.
- Authored high quality design documents for multiple client projects.
- Obtained hands-on experience in Agile Software Development.
- Achieved 91% in Foundation Training Program focussed on Python, SQL, PLSQL & Oracle ERP.

Education

Masters in Applied Computer Science, *Dalhousie University* (*Current*)   Sep 2021 – Dec 2022
                                                                                     Halifax, Canada
- Important Subjects: Advanced Software Development, Web Development, Cloud Computing

Bachelor of Engineering, *Shri G.S. Institute of Technology & Science*   Jul 2014 – Jun 2018
                                                                                     Indore, India
- Important Subjects: Data Structures & Algorithms, Operating Systems, Computer & Mobile Networks

Projects

DALClub, (*https://web-dalclub.herokuapp.com/*) ⧉   Jan 2022 – Apr 2022
- Designed & Deployed a full stack web application for a club.
- Designed user personas, use cases, wireframes & low-fidelity prototypes.
- Designed a user facing e-commerce store for DALClub and an admin panel to manage it.
- Implemented Stripe payment gateway to record payments for e-commerce store.
- **Technologies Used: HTML, CSS, JS, React JS, NodeJS, Material UI, Styled Components, Express, Sequelize, MySQL, Stripe, GitLab, JIRA, Heroku and REST APIs.**

fleaMART, (*https://main.d29fadnnqs0sgt.amplifyapp.com/*) ⧉   Jan 2022 – Apr 2022
- Designed & Deployed a full stack marketplace application using AWS Cloud Services.
- Implemented authentication, session management using JWT tokens provided by AWS Cognito
- Implemented post management and subscription features for the marketplace application.
- **AWS Services Used: AWS Elastic Beanstalk, AWS Lambda, Amazon S3, Amazon DynamoDB, Amazon API Gateway, Amazon Cognito, Amazon SNS, AWS Amplify.**

HEALTH-e-ME, (*https://healtheme-prod.herokuapp.com/*) ⧉   Sep 2021 – Dec 2021
- Designed & Deployed a ready to market health & wellness web application.
- Implemented authentication for users and added functionality of role based access for different user roles.
- Performed Test Driven Development & implemented a CI/CD pipeline. Wrote maintainable & flexible code using SOLID principles and Design Patterns.
- **Technologies Used: HTML, CSS, JS, Java, Spring Boot, Thymeleaf, MySQL, GitLab, JIRA, Heroku and REST APIs.**

CentDB   Sep 2021 – Dec 2021
- Developed a centralized DBMS that supports SQL queries and CRUD operations on data.
- Parsed and validated SQL queries using complex regex expressions & added support for transactions.
- Captured logs for the DBMS and parsed analytical queries based on logs.
- **Technologies Used: Java, Maven, Data Structures, Gitlab, JIRA**