

Bhargav Parekh

Portfolio: bhargavdev.com/ Github: parekhbhargav25 LinkedIn: parbhr

EXPERIENCE

Junior System Developer – MPAC, Pickering

May 2022 - Dec 2022

- Worked with Python and AWS technologies including AWS Glue, EC2, load balancer, CloudWatch, S3 etc., along with GraphQL for development and data handling tasks.
- Aided in the development of simple prototypes and proof-of-concept projects, including the preparation of mock demonstrations to showcase potential solutions.

Web Developer – Tazwiz, Toronto

July 2019 - Dec 2019

- Worked with React.js, Redux, and MongoDB, focusing on creating responsive and user-friendly interfaces, leveraged JavaScript for dynamic web application development.
- Implemented secure authentication systems using Node.js, Express.js, and Passport.js, ensuring robust data protection and user access control.

EDUCATION

Hons Bachelor of Computer Science

Ontario Tech University, Oshawa

May 2021 – Dec 2023

Algorithm Design & Analysis, Computer Architecture, Computational Science, Software Quality Assurance, Systems Programming, Compilers.

Advanced Diploma in Computer Programming and Analysis Seneca College, Toronto

May 2018 – Dec 2020

Web Programming, Database Systems, Operating Systems, UNIX/Linux and Internet, Data Communications Fundamentals, Object Oriented Prog.

PROJECTS

RegisterMe — React.js, node.js, AWS S3 and Amplify, GraphQL

- In 2020, developed React app regulated salon and spa customer flow during Covid-19. AWS Amplify automated CI/CD pipelines. AWS S3 stored data securely, and GraphQL enabled efficient data querying.

Auction System — C++, Python, Bash, pytest

- Front-end features were built in Python while Java powered the back end. A bash script automated testing. Key features included user registration, role-based access control, real-time bidding, and auction management.

User Authentication — React.JS, node.js, Python flask, MySQL

- A full-stack web app was built using Python Flask for the backend and React with Bootstrap for the frontend. It allows users to register, log in, and access a product list from a MySQL database.

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SKILLS

Languages:

Python, C, C++, Java, JavaScript, HTML, CSS, SQL, PL/SQL

Databases:

MySQL, PostgreSQL, NoSQL, MongoDB, AWS RDS, AWS DynamoDB

Technologies:

VS code, .net, MySQL, React.js, Node.js, AWS, GraphQL, Git, Linux

Concepts:

Object Oriented Programming, Functional programming, Agile, Data Structures and Algorithms, CI/CD, SDLC, REST APIs

CERTIFICATION

Ultimate AWS Certified Cloud Practitioner

Jan 2005 – Present

- Understanding of IT services and their uses in the AWS Cloud platform.
- Knowledge of core AWS services.
- Click here for [Certificate credential](#)

VOLUNTEER WORK

BAPS Charities – Youth Mentor

Jan 2005 – Present

- Mentored teenagers on life skills and addiction free lifestyle.
- Annual walkathon in support of SickKids Foundations, William Osler Health System, CNIB Foundation and Victoria General Hospital Foundation

REFERENCES

Shin, Yonghoon

Supervisor/ Systems Lead at MPAC

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Viswanath Vangala

Manager, IT Business Architect at MPAC

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