Kripanshu Bhargava

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Github | linkedIn | Portfolio

Result-Oriented Full Stack Software Developer with good problem-solving and critical thinking skills, as well as a meticulous attention to detail and methodical nature.

WORK EXPERIENCE

MICROSOFT | Software Engineer II | September 2021 - Present | Redmond, WA
- Develop and maintain the web services and workflows for the certification module in MIX Process team which is part of Cloud + AI.
- Test, deploy and maintain the microservices and support the livesite and sev issues.

EGEN | Software Developer | August 2019 - September 2021 | Greater Chicago Area, IL
- Developed API endpoints by building the persistence layer of cloud agnostic (AWS and GCP) micro-services using NestJS and NodeJS drivers specific to Postgres SQL Database.
- Developed and lead Python SDK to interface with the data products API that manages data products.

BRAIN CRADLE | Full Stack Developer | January 2019 - August 2019 | San Francisco, CA
- Developed end to end saas platform as a Full Stack Developer for the company using React-Node-Python Stack and created high accuracy (90% and above) deep learning models.

HARVARD UNIVERSITY | SDE Intern | January 2018 – August 2018 | Cambridge, MA
- Design and implemented web service API's with CI/CD development under the software development department.
- Wrote efficient python script to automate pre-processing tasks, resulting in increased efficiency, now used by all dataverses.

PROJECTS

GIFT REGISTRY | ANGULAR JS, JAVA, SPRING AND HIBERNATE, MYSQL | Sep 2017 – Dec 2017 | Dallas,TX
Developed microservice architecture based web application to perform major Gift registry functionality. The application is highly scalable with flexible database design.

CO-RS FOR COVID | Typescript, Postgres, AWS, React.JS, ML| May 2020 – August 2020 | Chicago,IL
Developed highly scalable web service app which predicts COVID cases on a given date and display risk factor in a area over a google map. Efficient use of AWS services and Sagemakaer for Training model & deploying application.

EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS | Masters of Computer Science
Expected Dec 2018 | Dallas, TX • Cum. GPA: 3.5/ 4.0
CourseWork : Machine Learning, Object Oriented Programming, Natural Language Processing, Analysis of Algorithms, Database Design, Human Computer Interactions,and Statistics for Data Science

SRM UNIVERSITY | Bachelors of Information technology
May 2016 | Chennai, India • Cum . GPA: 8.5/ 10.0
CourseWork : R, Operating Systems, Data Structures and Algorithms, Discreet Maths, Software Engineering

CERTIFICATIONS

GOOGLE PROFESSIONAL CLOUD ARCHITECT | DECEMBER 2020 - DECEMBER 2022

SKILLS

PROGRAMMING
Python, Javascript (and TypeScript), Java

TECHNOLOGIES & TOOLS
Flask, RDBMS, NoSQL, Node, GIT, Cloud Services