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

EGEN SOLUTIONS | Software Engineer
August 2019 - Present | Greater Chicago Area, IL

- Developed and designed the platform (ReactJS, NodeJS, TypeScript) for the Tempus client which automated the process of deployment, audit, SDLC within organisation and solved the service dependency issue for the company.
- 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 | Software Engineer
January 2019 - August 2019 | San Francisco, CA

- Developed end to end saas platform as a Full Stack Developer for the company using Node-Python Stack.
- Implemented front-end in ReactJS-Redux and back-end in Python(Flask | REST APIs) with database in MongoDB.
- Created high accuracy (90% and above) deep learning models using Python, Tensor flow, Keras.

HARVARD UNIVERSITY | Software Engineering Intern (Spring CO-OP and Summer)
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
Java, Python, Javascript (and TypeScript), .NET, C++

TECHNOLOGIES & TOOLS
Flask, RDBMS, NoSQL, Node, GIT, AWS, GCP