Vivek Ranjan

New York, New York   vivek@vivekranjan.me   https://vivekranjan.me
GitHub bcosynot   **LinkedIn** vivekranjan1

SKILLS

FRONTEND	HTML/CSS, JavaScript, React, Vue
BACKEND	Java, Spring (Boot, MVC, JPA, Data, Data REST, MVC), SQL (MS SQL Server, Postgres, MySQL, AWS Redshift), Python, NodeJS
OTHER	Shell scripting, Docker, AWS services like IAM, ECS, ECR, ElasticBeanstalk, Cloudformation, CDK

EXPERIENCE

Renaissance Learning

Staff Software Engineer   Feb 2022 - Present

- Reduced costs of batch processing jobs by 73% and doubled deployment frequency by 40%. Using AWS Fargate and CDK

Illuminate Education

Lead Software Engineer   Jun 2019 - Feb 2022

- Led a project to redesign key functionality by rewriting parts of the backend (Java, Spring, REST, Hibernate, SQL Server, Groovy/Spock) and frontend (Vue, Vuex, Jest)
- Led a cross-functional effort to 2x our deployment frequency.

FastBridge Learning

Technical Team lead / Senior Software Engineer   Mar 2017 - Jun 2019

- Delivered high-impact reporting web application providing access to millions of data points that helps educators understand student performance in a mid-western state.
- Built a data-warehouse in AWS Redshift and a microservice serving RESTful APIs using Spring Boot

FastBridge Learning

Software Engineer   Jun 2015 - Mar 2017

- 4th engineer at an early-stage EdTech startup (~10 employees).
- Backend - Spring (Boot, JPA, Data, Data REST, MVC), JPA/Hibernate, Microsoft SQL Server along with AWS Redshift and other AWS technologies.
- Frontend - HTML/CSS, Bootstrap and JavaScript (ES6, webpack, babel and jQuery).

EDUCATION

University of Minnesota

Aug 2013 - Dec 2016
Master - Computer Science

University of Mumbai

Jul 2008 - May 2013
Bachelor - Information Technology