

Kuljeet Singh Bhengura

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EXPERIENCE

Open Learning Exchange

Aug 2024 - Current

Mobile Software Engineer Intern

- Implement and manage development of **myPlanet** Learning Initiative, an **android application**.

George Mason University

Jan 2023 – May 2024

Graduate Teaching Assistant

- Taught Course **IT461**: Web Development in Cloud & Course **IT431**: Advanced Web Development

GetSetUp

July 2021 – June 2022

Software Development Engineer

- Engineered a framework using **ReactJs**, **NodeJs (Typescript)** to build a scalable platform for older adults to participate in and host classes handling up to 100,000 users in a single video class.
- Devised e-mailing **microservice** to notify user class timings and info using **Lambda**, **SNS & SQS**.
- Categorized and organized data improving data extraction by **60%** leveraging **Redis** for caching.
- Built APIs using **Django** to reduce the average turnaround time by **80%** (10 to 2 mins).

Zaya Learning Labs

Aug 2020 – July 2021

Software Development Engineer

- Developed **FABLe** and **BeSomeone** projects, managing architecture design and flow for web and mobile apps. Utilized **Django (Python)** for backend development, contributing to a total revenue of \$750k.
- Overhauled the **Sensei** project by designing its backend with **django (python)** and **postgresql**, resulting in a 67% increase in user traffic.
- Leveraged **AWS** to migrate **5 live projects** and their assets by creating new **EC2** instances and an **S3** bucket.
- Directed the database flow on Amazon **RDS** and connected it with the projects.

Zaya Learning Labs

Jan 2020 – Feb 2020

Intern

- Engineered a web application as a component of Zaya's Incident and Production support system, improving user experience and driving downloads to 15,000 on the launch day!

Brainvire

Dec 2018 – Jan 2019

Intern

- Crafted web-pages for SAP using **.Net** for backend and **Bootstrap** for **frontend** – increased revenue by 45%.

SKILLS

Languages : Python, Javascript, Typescript, Java, HTML, CSS, C, C++

Database & Caching : MySQL, PostgreSQL, Redis

Cloud : AWS (EC2, S3, Lambda, RDS, SNS, SQS, IAM), Azure Blob storage

DevOps : Git, Jenkins, Docker, CI/CD

Full-stack frameworks: Django, KoaJs, NodeJs, ReactJs, VueJs, AngularJs, Springboot, Bootstrap, .Net

EDUCATION

George Mason University

Aug 2022- May 2024

Master of Computer Science

Coursework: Analysis of Algorithms, Machine Learning, Data Mining, Software Design and Architecture

University of Mumbai

Aug 2016- Oct 2020

Bachelor of Engineering in Information Technology

Coursework: Algorithms, Databases, DevOps, Cloud Computing, Big Data Analytics, Operating Systems