

Kuljeet Singh Bhengura

571-331-8626 | Fairfax, VA 22030 | kbhengura@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EXPERIENCE

Mobile Software Engineer Intern, Open Learning Exchange Aug 2024 - Current

- Led the development of **myPlanet**, an **open-source** android app, with 350+ monthly contributions to the repo.

Web Developer, Pearl Lemon Aug 2024 – Sept 2024

- Integrated an ERP system for Pearl Lemon to streamline operations across their multiple websites.
- Automated lead acquisition, increasing email outreach by 35%, and developed a social media-driven lead generation strategy, boosting inbound leads by 37%.

Graduate Teaching Assistant, George Mason University Jan 2023 – May 2024

- Taught advanced web development courses to over 100 students achieving 95% student satisfaction rate.

Software Development Engineer, GetSetUp July 2021 – June 2022

- 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 1M users about 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).

Software Development Engineer, Zaya Learning Labs Aug 2020 – July 2021

- 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 improving the data retrieval by 40%.

Software Developer, Loyal Medi Ophthotech Aug 2017 – July 2020

- Spearheaded the development of EMR software for Ophthalmic clinics and hospitals across Maharashtra, leading a cross-functional team of 5 developers.
- Drove adoption across 50+ clinics and hospitals, improving efficiency by 35% and enhancing patient care quality, resulting in a 20% increase in patient satisfaction.
- Implemented AI to predict eye lens focal length with 95% accuracy and streamline patient inquiries, improving efficiency by 72%.

Intern, Zaya Learning Labs Jan 2020 – Feb 2020

- Engineered Zaya's Incident and Production support system - driving downloads to 15,000 on the launch day!

Intern, Brainvire Dec 2018 – Jan 2019

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

SKILLS

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|-----------------------|------------------------------------------------------------------------------------|
| Languages | : Python, Javascript, Typescript, Java, HTML, CSS, C, C++, Kotlin, Ruby, Swift, Go |
| Database & Caching | : MySQL, PostgreSQL, Redis, MongoDB, NoSQL |
| 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

Master of Science in Computer Science, George Mason University Aug 2022- May 2024

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

Bachelor of Engineering in Information Technology, University of Mumbai Aug 2016- Oct 2020

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