

DEV GOEL

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EDUCATION

BITS Pilani KK Birla Goa Campus
B.E. Computer Science *GPA: 8.16*

Goa, India
Aug '19 - Present

EXPERIENCE

IBM India

Software Engineering Intern

May '22 - July '22

- Worked on building an intelligent system that tunes log configurations of microservices by analyzing **performance and log patterns**.
- Wrote the decision making component which makes use of **real-time metrics and traces** to predict the possibility of encountering an issue, thus saving a developer's valuable time and effort.
- **Technologies used:** Golang, OpenTelemetry, Prometheus, Docker, Kubernetes, Apache Kafka

Hyphen Supply Chain Solutions

Web Development Intern

May '21 - July '21

- Worked with an 8-member team to finalize key features for the company's online web portal.
- Involved in development of the portal website, from wireframing to writing individual components, as a MVP for the company.
- **Technologies used:** HTML/CSS, React, Figma

Seekify Technologies

Web Development Intern

Jan '21 - Apr '21

- Developed a **job filtering system** and responsive UI components using React, Redux, HTML/CSS.
- Fixed existing application code for **bugs around making API calls**, thus improving performance and functionality of the website.
- Collaborated with **cross-functional teams** to design and deliver new features of importance.
- **Technologies used:** HTML/CSS, React, Redux, Figma, SpringBoot, Thymeleaf

SKILLS

Programming Languages: C, C++, Java, JavaScript, Python, Golang, SQL

Tools and Frameworks: Git / Github, React, Kubernetes, Docker, Linux, MongoDB, SQL, NodeJS

PROJECTS

Sugamyata - Accessibility in Comp Edu

<https://dl.acm.org/doi/abs/10.1145/3478432.3499066>

Studied the methodologies to improve students' approach towards accessibility and inclusivity by including these principles in the core CS curriculum. Our team's poster, Inclusive Thinking Questionnaire: Preliminary Results has been accepted at the ACM SIGCSE TS 2022.

Tetris Game Compiler

<https://github.com/devgoel186/Tetris-Compiler-CSF363>

Designed a programming language for Tetris, complete with a lexical analyzer, a parser, configuration files, and the game file itself.

Glados Chat Application

<https://github.com/devgoel186/GladosChat>

A real-time web chat application built using WebSocket and React, to connect with friends and family.

College Website - Parikrama Institution

<https://www.parikrama.edu.in/>

Worked as a part of a 4 member team on the college website of 'Parikrama Group of Institutions'. Added blog posts and news functionality on the website using NetlifyCMS and GraphQL.

RESPONSIBILITIES AND ACHIEVEMENTS

Website Developer

BITS Goa Aerodynamics Club

Handled development of the official website for Aerodynamics Club BITS Goa.

Dec '20 - Jan '21

Founding Member

ACM BITS Goa Student Chapter

Part of the founding team of ACM BITS Goa.

Jun '21 - Jun '22

450+ Problems Solved on LeetCode

LeetCode

Solved 250+ Medium problems and close to 50 Hard problems.

Jul '21 - Present