GAURAV V

INQUISITIVE LEARNER & BUDDING DEVELOPER

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PROFESSIONAL SKILLS

Programming Languages
C, C++, Java, Python

Front-end Technologies
HTML, CSS, SCSS, Javascript

Back-end Technologies
Node, Express, Python, J2EE, Spring Boot

Web & Design Frameworks
Vue, React, Angular Flask, Bootstrap, Vuetify, Material UI, PrimeNG

Databases
MySQL, MongoDB, Firebase

App Development
Android Studio, Kivy

Version Control Software
Git, Github, Bitbucket

Design & Prototyping
Adobe XD, Figma, Adobe Photoshop, Adobe Illustrator

Hosting & Deployment
AWS, GoDaddy, CPanel, Firebase, Github, Docker, Heroku

LEADERSHIP ROLES

SCHOOL HEADBOY
Conferred the title & responsibility of Headboy to manage all student related administration jobs & activities

HEAD OF GRAPHIC DESIGN & WEB DEVELOPMENT
Team lead of an independent TEDx organization

LANGUAGES

English
Hindi
Kannada

WORK EXPERIENCE

SUMMER INTERN
Unisys | August *2021 - November 2021*

- Implemented a self service SaaS UI for a software supply chain security application named Digital Bill Of Materials (DBOM) from high fidelity mockups and participated in iterative user-centric design thinking processes. This was done in a scrum format with 2-week sprints.
- Technologies: Angular, PrimeNG, Keycloak, OpenAPI, Swagger UI, Bitbucket

RESEARCH INTERN
Samsung (SRIB) | October *2020 - July 2021*

- Implemented a smart health solution to improve users sleep quality.
- Technologies : Android Studio, Python, VueJS, Machine Learning

FULL STACK DEVELOPER & DESIGNER
DNAlife Organisation (NGO) | April *2021 - June 2021*

- Developed a full stack responsive company website.
- Significantly increased user engagement by 33%.
- Technologies : MongoDB, Express, React, Node.JS, Firebase, SCSS

FULL STACK DEVELOPER & DESIGNER
Bengaluru Genomics Centre | November *2020 - January 2021*

- Built a complete mobile-friendly website which added 3000 new users.
- Increased the web traffic to the site significantly in the first month.
- Technologies : VueJS, Vuetify, SCSS, Firebase

FULL STACK DEVELOPER & DESIGNER
High Altitude Pulmonary & Pathology Institute, Bolivia | August *2020 - October 2020*

- Created a website for an International Covid Conference,
- Facilitated ticket sales for over 600 users and generated a revenue of Rs. 1L
- Technologies : VueJS, SCSS, Firebase, Facebook Pixels

PROJECTS

SCHEDULER - TIMETABLE GENERATOR
- An online platform where professors can generate a timetable under 1/50th of a second for all the students for each semester conflict free with ease.

UNISYS NATURAL ASSISTANT
- A smart AI assistant for offices that understands natural language voice commands and completes tasks for the user and helps improve productivity.

PUBLICATIONS & AWARDS

DATA SCIENCE TOOLS AND TECHNIQUES FOR HEALTHCARE APPLICATIONS
Springer Publication | Book Chapter

CLOUD 20/20 YEAR 12 HACKATHON
Unisys | 2nd Place out of 685 teams and 401 colleges (All India)

CAPTURE THE FLAG
Google Developer Student Club MSRIT | 2nd Place

BUG BOUNTY
Google Developer Student Club MSRIT | 3rd Place

EDUCATION

BACHELORS OF ENGINEERING, COMPUTER SCIENCE ENGINEERING
Ramaiah institute Of Technology | AUG 2018 - JUN 2022
CGPA : 8.55

PRIMARY & SENIOR SECONDARY SCHOOL
Navkis Educational Centre | MAY 2004 - MAR 2018
Grade 12 score : 84%

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ADDITIONAL SKILLS

Web Development
Web Design, Facebook Pixels SEO, Google Analytics, Ajax, JSON, REST APIs, Web Services, Graphic Design, Responsive Design, UI / UX Design, Redux, jQuery, MEVN, MERN Stack, Selenium, Web Scraping, Beautiful Soup, HTTP, ES6, HTML5

Code Editors, Package Managers & Tools
Visual Studio Code, PyCharm
Sublime Text, Atom, Google Colab, Jupyter Notebooks, Anaconda, NPM, Command Line, Terminal, Bash

Documentation
Microsoft Word
Microsoft Excel
Microsoft Powerpoint

Operating Systems
Linux, Windows, MacOS

RELEVANT COURSEWORK

Data Structures, Algorithms, OOPS with Java, Advanced Java, Computer Networks, Operating Systems, DBMS, Python Programming, Artificial Intelligence, Software Engineering, Compiler Design, Data Mining and Machine Learning, Information Retrieval, Deep Learning, Image Processing, Cloud Computing, Cryptography

HOBBIES & EXTRA-CURRICULAR ACTIVITIES

- Sports Enthusiast, enjoy watching and playing Cricket and Tennis.

- A Photographer who loves to capture nature, animals, landscapes, people and events

- Enjoy trying out new creative avenues like video editing, music production and writing

- Active core member with leadership roles of college clubs like :-

- **iClick** - A club for creative photographers and minds

- **TEDxMSRIT** - An independent TEDx event organised by students

ADDITIONAL PROJECTS

🔗 **AUTHOR ATTRIBUTION OF KANNADA LANGUAGE TEXT**
  - Built a deep learning model that predicts authorship of articles of an Indian regional language, specifically Kannada, with a high level of accuracy.

🔗 **TEDXMSRIT**
  - A website for a college club to publicise events and help interested participants and members to register for the event. Helped registrations of over 250 participants.

🔗 **BUDDY AI**
  - An onboarding AI chatbot packed with several features that helps new recruits of a firm settle in their new environment and answers firm-related queries with ease.

🔗 **PATIENT REPORT SUMMARIZER**
  - A simple summarizer developed using information retrieval techniques which helps summarise patient reports for doctors to search through a particular record fast and take a look at the summarised health history of a patient