

Anirudha B Shetty

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PROFESSIONAL SUMMARY

- Passionate Software Engineer with **2 years** of experience in **React.js** and a comprehensive understanding of the entire software development lifecycle. Skilled in the MERN stack, API integration, CI/CD pipelines, Firebase and cloud deployment. Also an open-source enthusiast.

PROFESSIONAL EXPERIENCE

Infosys Limited

Karnataka

Systems Engineer (React.js Developer)

August 2021 – April 2023

- Built web applications using React.js across two major international projects, such as Waters and Elanco.
- Integrated product dashboards with search and filter features, shopping cart, and order history components.
- Created interfaces for medicine stock tracking, doctor prescription entry, and report generation using Chart.js.
- Utilized Git, Postman, and JIRA for efficient development, testing, and project management.
- Ensured code quality through ESLint and Prettier, also done unit testing with Jest.
- Resolved UI/API issues through debugging, isolation testing, and effective team collaboration.
- Collaborated with the DevOps team to implement CI/CD pipelines, enabling efficient deployment workflows through GitHub Actions and Jenkins.
- Developed a personal web app to call LLMs to debug and speed up the development process.
- Additionally Completed the Full-Stack Web Development with React (by Hong Kong University) via Coursera to enhance technical delivery.

HIGHLIGHTS

- Successfully completed **100+ courses** on Coursera.
- Won a consolation prize in the national-level hackathon, Hackothsav.
- Ranked among the **Top 6000 GitHub** developers in India based on total **stars (170+)** and **forks (50+)**.
- Active participant in Google Arcade games and successfully completed **400+ Google Cloud Qwiklabs**.
- Authored a research paper titled "*Facial Recognition Using Haar Cascade and LBP Classifiers*", with **130+ citations** (Published in *Global Transitions Proceedings, Elsevier*).

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Javascript, SQL
- **Front-End Development:** React.js, Tailwind
- **Back-End Development:** Node.js, Express.js, RESTful APIs, Firebase
- **Databases:** MongoDB, MySQL
- **Testing & Debugging:** Jest, Postman
- **CI/CD:** Git, Bitbucket, Github Actions
- **Cloud Platforms:** GCP, AWS
- **Project Management:** Jira, Agile & Scrum Methodologies

EDUCATION

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| • Maryknoll High School, Udupi | 2015 |
| 96.16% – Secured 6th place at the district level in Kannada medium. | |
| • Viveka PU College, Udupi | 2017 |
| 87.83% – PCMB | |
| • Shri Madhwa Vadiraja Institute of Technology and Management, Udupi | 2021 |
| 7.38 CGPA – Bachelor of Engineering, Computer Science | |

CERTIFICATIONS (Coursera)

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| 1. Python for Everybody Specialization | 2. Machine Learning |
| 3. Full-Stack Web Development with React Specialization | 4. Blockchain Specialization |
| 5. Google IT Support Professional Certificate | 6. AWS Fundamentals Specialization |
| 7. IBM Cybersecurity Analyst Professional Certificate | 8. Django for Everybody Specialization |
| 9. Cloud Architecture with Google Cloud Professional Certificate | 10. Big Data Analysis with SQL |

PROJECTS

- **Revel** – Event Ticket Booking Platform (React.js, Tailwind, Firebase, SendGrid, Razorpay) - *Freelance*
 - A platform where users can book tickets in just a few clicks, while admins have an efficient and detailed system to create and manage events.
- **Planner** – Task Planning App (React.js, Tailwind, react-dnd) – *2nd Round*
 - A Month View Task Planner with drag & drop functionality, task scheduling, and filtering capabilities.
- **Vi Music** – Web based Music Player (Node.js, React.js, Tailwind, Firebase, SQLite)
 - Developed a web-based solution for the open-source Android music player ViMusic, utilizing the same database. Features include Favorites, playlists, database import/export, and Firebase login, etc.
- **Learn React** – JS Playground (React.js, Tailwind, Vite)
 - A platform to learn and practice basic js and react concepts through Q&A and code snippets.
- **Gemini** – Chatbot (Ajax, Postman, Vision API)
 - Single page server less, lightweight, responsive, website to call Google's AI language and vision model.
- **Life Share** – Blood Bank Management System (Node.js, Bootstrap, MongoDB Atlas)
 - Node.js-based API server connecting donors with recipients, featuring multi-language support and a chatbot.
- **Blog App** – (Django, Bootstrap, PythonAnywhere, SQLite)
 - Blog app with GitHub OAuth login, allowing users to upload text and images, comment, and favorite posts.
- **EAttendance** – Attendance Management System (Node.js, MongoDB, Bootstrap, opencv, face-recognition)
 - Real-time student attendance system using Python's face recognition module, built on dlib's ResNet-34 model.
- **Crop Management System** – (PHP, Bootstrap, Python, Pandas, NumPy, Scikit-learn)
 - Machine learning-based system that predicts crops, recommends fertilizers, and provides rainfall and yield forecasts to help farmers make informed decisions.