

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, Supabase and cloud deployment. Also an open-source enthusiast.

PROFESSIONAL EXPERIENCE

Infosys Limited

Karnataka

Systems Engineer

August 2021 – April 2023

- Built web applications using React.js across two major international projects.
- 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 (180+) and forks (60+).
- 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 **140+ 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, Supabase, Cloudflare
- **Databases:** MongoDB, MySQL, SQLite
- **Testing & Debugging:** Jest, Postman
- **CI/CD:** Git, Bitbucket, Github Actions
- **Cloud Platforms:** GCP, AWS
- **Project Management:** Jira, Agile & Scrum Methodologies

EDUCATION

- 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)

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)
 - A platform to book event tickets in few clicks, while admins have an efficient system to create and manage events.
- **Vi Music** – Web based Music Player (Node.js, React.js, Tailwind, Firebase, SQLite)
 - Developed a web-based solution for the famous open-source Android music player ViMusic.
- **Learn MERN** – JS Playground (React.js, Tailwind, Vite)
 - A platform to learn and practice js, react and node.js concepts through Q&A and code snippets.
- **Planner** – Task Planning App (React.js, Tailwind, react-dnd)
 - A Month View Task Planner with drag & drop functionality, task scheduling, and filtering capabilities.
- **ECommerce** – Ecommerce App (MERN Stack)
 - An e-commerce platform with RBAC, admin dashboard, product management, shopping cart, and coupon system.
- **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.