

Dhanush H

Bengaluru, India

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Technical Skills

Languages: Python, C++, JavaScript (ES6+), HTML5, CSS3, SQL

Technologies/Frameworks/Libraries: , React JS, Next JS, Node js, Express JS, Django, React Router, TailwindCSS, MongoDB, Mysql, CMS, PWA

Architectures: Micro Front-End, Module Federation, Back-End for Front-End (BFF), Micro-services

Testing: Jest, Cypress

Tools: Webpack, Babel, NPM, Docker, Jenkins, GIT, Unix/Linux, GCP, Vertex AI

Work Experience

Qugates

Feb 2025 – Present

Full Stack Developer

Bengaluru, India

- Implemented a Tally, that unified inventory, payroll, and voucher workflows into a single data-entry process, automating salary-slip generation and eliminating duplicate entries — reduced manual effort by 35%.
- Built an automated invoice-extraction pipeline with Olama and server-side scripts to auto-populate vouchers — improved data accuracy 25% and cut processing time 30%.
- Optimized finance reporting with snapshot tables and year-based MySQL partitioning — achieved ~40% faster aggregates and 20% faster record retrieval.
- Automated testing using Jest and Cypress for unit and integration tests.

Technomedia Solutions

Feb 2024 – June 2024

Front End Developer Intern

Bengaluru, India

- Optimized Cordova project by Micro Front-End Architecture using JavaScript (ES6+) and PWA standards, reducing page load times by 25% through the implementation of service workers.
- Developed an automated MySQL backup system using a MySQL CMD script, scheduled via Windows Task Scheduler to ensure regular backups, data integrity, and recover-ability.
- Enhanced security by implementing code obfuscation and resolving critical errors, reducing vulnerabilities and improving customer satisfaction.

Projects

Voice Controlled Application (MERN Stack) - [Link](#)

- Developed and integrated voice command functionality, enhancing accessibility and improving user interaction and Implemented JWT authentication for secure user access and role management
- Optimized web performance by implementing PWA standards, reducing page load times by 25% and Optimized API performance for faster data retrieval, reducing response time by 30%.

AI-based Teacher Companion (ReactJS, python, GCP, Gemini) - [Link](#)

- Implemented a strategic peer-matching & Distributed Teaching Intelligence network enabling teachers to find context-matched peers and share lesson artifacts for faster knowledge transfer.
- Orchestrated multiple AI agents using ADK + Vertex AI / Gemini for localized content and AI visual-aid generation. validated reliability using simulated multi-grade classroom scenarios.

Certifications

• Google IT Automation with Python Specialization (Coursera) - [Link](#)

Jan 2022

• Meta Front-End Developer (Coursera) - [Link](#)

Aug 2023

• Gen AI Academy (Hack2Skill) - [Link](#)

May 2025

Profile Links / Contributions

[Leetcode](#), [GitHub](#), [npm](#)

Education

Mangalore University

2021 - 2024

Bachelor of Vocation in Software and Application Development