

Digvijay Padhiyar

Email: connecttodigvijay@gmail.com

GitHub: <https://github.com/digvijay-tech>

Portfolio: <https://digvijay.tech>

Location: London, UK (Open to relocation within UK)

Professional Summary

Aspiring software engineer with over 7 years of hands-on experience in full-stack development through personal projects and academic work. Strong backend focus with proficiency in JavaScript, Node.js, React, Go, and cloud technologies. Eager to contribute to AI-driven SaaS solutions and data engineering projects, bringing both technical skills and a strong passion for innovation.

Technical Skill

Languages & Frameworks

- JavaScript, TypeScript, Node.js, React, Next.js, Go, Python, ShadCN/UI, Framer Motion, GSAP, TailwindCSS, Flutter
- Postgres, MongoDB, Redis, SQLite
- GraphQL, OAuth, WebSockets

Tools & Platforms

- AWS, Vercel, Netlify, Heroku, Supabase
- Docker, Git, GitHub, Stripe, Resend

Skills

- REST API Development, Cloud Computing, System Design, DSA, Real-time Communication, Backend Development, Frontend Development, Database Management
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Education

BSc (Hons) in Computer Science

University of East London | Expected Graduation: June 2025

Certifications

- Quantum Computing & Intro to Quantum Machine Learning, Udemy | Mar 2024
 - Become a Data Scientist, LinkedIn | Apr 2024
 - JavaScript Algorithms & Data Structures, FreeCodeCamp | Feb 2023
 - Complete Flutter Development Bootcamp, Udemy | Jan 2023
 - Backend Development with Node.js, LearnCodeOnline | Jun 2020
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Work Experience

Lead Full-Stack Developer | HotelsBridge Limited

Sep 2022 – Mar 2024 | London, UK (Hybrid)

- Designed and developed **HotelsBridge**, a full-stack hotel management platform to improve operational efficiency.
- Built a scalable **backend architecture** using **Node.js, Express, and MongoDB**, optimizing database performance.
- Integrated **real-time notifications**, secure **OAuth/JWT authentication**, and **Redis caching** for responsiveness.
- Implemented **role-based access control (RBAC)**, encryption, and **rate limiting** for API security.
- Sole developer responsible for **architecture, deployment, and maintenance**, reinforcing expertise in **backend optimization and distributed systems**.

Freelance Web Developer | (Self-Employed)

Aug 2019 – Jan 2021 | Remote (India)

- Assisted local businesses in establishing their online presence by **developing basic websites** and **automating email workflows**.
 - Implemented **SEO strategies** to improve website visibility and drive organic traffic.
 - Developed an **automated email notification system** for payments in a retail shop.
 - Gained hands-on experience in **web development, digital marketing, and automation**.
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Projects

Haru: A Safe, Fast, and Concurrent Systems Programming Language | *Current*

A custom systems programming language in development, focusing on safety, speed, and concurrency. This dissertation project combines theoretical research with practical implementation using Go, LLVM, and QEMU to create a prototype language that aims to improve system-level programming.

Tech: Go, LLVM, Gocc, QEMU, Valgrind, ASAN

Link: <https://github.com/digvijay-tech/haru>

GreenToad.io | *Current*

GreenToad is an AI-driven, all-in-one productivity app designed for students. It helps them organize learning, collaborate on projects, and track progress through personalized roadmaps, to-do lists, and gamified streaks. The platform keeps students focused and motivated while managing academic and personal goals.

Tech: Next.js, React, Supabase, Stripe, React Native, Resend

Link: <https://greentoad.io>

HotelsBridge | *Sep 2022 – Jan 2023*

A full-stack hotel management platform built for a startup to streamline operations, improve internal communication, and enhance guest services. The application focused on efficient staff coordination, real-time notifications, and seamless guest interaction.

Tech: Vue.js, Nuxt, Node.js, Express, MongoDB, Redis

Link: <https://hotelsbridge.com>