

HARIKRISHNAN - K

Full-Stack Developer

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[LINKEDIN](#) | [GITHUB](#)

SKILLS:

- **Front-End:** HTML5, CSS3, JavaScript, Typescript, React, Redux
- **Back-End:** Node.js, Express.js, MongoDB
- **Version Control:** Git, GitHub
- **Styling & UI Frameworks:** Figma, Bootstrap, Tailwind CSS
- **Soft Skills:** Written and verbal Communication, Self-Learning, Team Collaboration

PROFESSIONAL EXPERIENCE:

Bridgeon Solutions | Intern

2024 June-Present

- Developed interactive and responsive, user-friendly webpages using HTML, CSS, JavaScript, and React.js.
- Streamlined styling with Bootstrap & Tailwind CSS, ensuring design consistency and faster development.
- Integrated RESTful APIs for dynamic content and improved user interactivity.
- Collaborated with the team to implement features, resolve bugs, and optimize performance.
- Handled version control with Git to efficiently track changes and maintain streamlined workflows.
- Followed SCRUM practices by participating in stand-ups and sprint reviews to enhance team collaboration.
- Effectively prioritized tasks to meet deadlines and consistently deliver high-quality solutions.

RELEVANT PROJECTS:

Intellecta - AI Powered Learning System

[Client](#) | [Server](#)

- Collaborated on developing an AI-powered learning platform offering personalized, adaptive learning experiences using **MERN** stack and **TypeScript**.
- Used **microservices** architecture to split the platform into smaller, scalable and manageable services
- Incorporated secure authentication using **Google OAuth** and traditional email-password login.
- Implemented AI-driven learning paths that adapt content difficulty based on students initial assessment using **Gemini AI**.
- Introduced an **AI tutor assistant(Chatbot)** to provide real-time support and concept explanations to students.
- Developed **gamified elements** like points and leaderboards to boost user engagement and motivation.
- Enabled features for collaborative learning, including resources, study materials, and interactive **quizzes**.
- Created real-time performance **dashboards** to monitor, analyze and visualize the students learning progress.

Doctime - A Doctor Appointment Scheduling System

[Github](#)

- A fully responsive doctor appointment platform built with **React.js**, **Node.js**, **Express.js**, and **MongoDB**, ensuring a smooth user experience and efficient data management.
- Implemented a secure authentication system with **Google OAuth** and email-password validation.
- Established a **role-based access** system, ensuring different functionalities for doctors, patients, and admins.
- Set up **Nodemailer** to enable automated emails for password resets and account-related updates.
- Introduced an **optimized appointment booking system**, allowing users to schedule consultations with doctors based on their specialization and availability.
- Enabled **Razorpay** payment integration for secure consultation fee transactions.
- Integrated a user **review** and **rating** system for post-consultation feedback.
- Built a real-time **dashboard** for doctors to manage appointments, patient info and update consultation statuses.

BabyBuds - E Commerce Platform for Baby Products

[Github](#)

EDUCATION:

- **2020 - 2024 | APJ Abdul Kalam Technological University**
B.Tech - Computer Science & Engineering
- **2018 - 2020 | State Board of Technical Education**
Diploma - Computer Science & Engineering