HARI KRISHNAN NAGARAJAN

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Professional Summary

Aspiring Full-Stack Developer with hands-on experience building responsive web applications using the MERN stack (MongoDB, Express.js, React, Node.js). Strong foundation in both frontend and backend development, RESTful APIs, and responsive UI design. Actively transitioning into tech from a successful 5+ year career in production management, bringing leadership, operational efficiency, and a strong problem-solving mindset to web development.

Projects

1. E-Commerce website | [Live Demo Link] | [GitHub Link]

A full-stack eCommerce site featuring user authentication, product filtering, wishlist/cart functionality, Stripe & PayPal checkout, and an admin dashboard to manage orders, users, and products. Built with Redux Toolkit for global state management, redux-thunk for handling asynchronous actions, and includes protected admin routes for secure access control.

- **Tech Stack:** JavaScript, React, Redux Toolkit, TailwindCSS, Firebase, Node.js, Express.js, MongoDB

2. Blog Application | [Live Demo Link] | [GitHub Link]

A full-stack blog platform with user authentication, post creation, Profile editing, image uploads, and dark mode support. Utilized Redux for global state management (including theme toggling and user auth), and integrated Firebase for secure image storage and real-time updates.

- **Tech Stack:** JavaScript, React, Redux Toolkit, TailwindCSS, Firebase, Node.js, Express.js, MongoDB

3. Developer Portfolio | [Live Demo Link] | [GitHub Link]

A personal portfolio site with contact form integration and protected admin dashboard to manage submissions.

- **Tech Stack:** JavaScript, React, TailwindCSS, Node.js, Express.js, MongoDB

Technical Skills

- **Frontend:** JavaScript, TypeScript, React, Redux, Redux Toolkit, TailwindCSS, Bootstrap, Flowbite UI, Material UI
- **Backend:** Node.js, Express.js, REST APIs
- **Database:** MongoDB, Firebase
- **DevOps:** AWS (EC2, S3), Render, Netlify, Vercel
- **Tools:** Git, GitHub, Postman, VS Code
- **Additional Tools:** Microsoft Office, ERP Systems, AutoCAD

Work Experience

Production Manager – Injection Molding
Ace Rico Poland Sp. z o.o, Poland | Feb 2020 – Present

- Lead strategic planning and operations to improve efficiency and profitability
- Manage manpower, equipment, and materials to meet production goals
- Oversee procurement and inventory planning based on production analysis
- Implement quality control systems, reducing defects by 15%
- Supervise a 60+ member team, including onboarding and performance reviews
- Collaborate cross-functionally to ensure seamless workflow and timely delivery
- Analyze reports and provide insights for leadership decision-making

Assistant Manager – Injection Molding
Ace Rico Poland Sp. z o.o, Poland | Dec 2019 – Jan 2020

- Planned material procurement based on production needs
- Supervised daily operations and resolved production issues

Construction Engineer
JK Construction, India | May 2018 – Oct 2019

- Led residential construction projects ensuring quality and regulatory compliance
- Estimated material requirements and oversaw procurement processes
- Conducted on-site inspections to ensure safety standards and project progress

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Education

Bachelor of Engineering in Construction Engineering
First Class Honors — GPA: 8.03 / 10 | Apr 2014 – Apr 2018

Languages

- **English** – Advanced
- **Polish** – Intermediate
- **Tamil** – Native Speaker