HARIKRISHNAN DS

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EDUCATION

PMSA PTM (Kerala University)   **Aug 2016 -- Jan 2020**
B.Sc. in Computer Science, GPA: 3.8/4.0   *Kollam, Kerala, India*

- Mastered core concepts in C, Object-Oriented Programming, Data Structures, Operating Systems, and Linux through rigorous coursework.
- Led development of multiple academic projects, including a library management system and a real-time chat application.
- Earned certifications in CCNA, CCNA Security, MCSA, MCSC, and CEH to deepen expertise in networking and cybersecurity.

EXPERIENCE

Centre for Teacher Accreditation (CENTA) Pvt. Ltd.   **Sep 2023 -- Present**
Senior Technology Associate (Promoted from Associate, Technology and Data Analytics)   *Bangalore, India*

- Promoted within 1 year for outstanding performance and leadership in technology initiatives.
- Developed dynamic, responsive web pages for high-profile events using Next.js, React.js, TailwindCSS, and Framer Motion, increasing user engagement by 25%.
- Redesigned company website from Figma prototypes, enhancing UX/UI and reducing bounce rate by 15%.
- Performed rigorous manual testing on web and mobile applications, identifying and resolving over 100 critical bugs.
- Implemented SEO and accessibility improvements, boosting web traffic by 30% and improving customer retention.

Brototype   **Sep 2022 -- Aug 2023**
Software Engineer Intern   *Kochi, Kerala, India*

- Built a scalable event ticket booking platform using TypeScript, Next.js, Node.js, and TailwindCSS, deployed with Docker and Kubernetes for high availability.
- Developed a social media application with Next.js and TypeScript, leveraging server-side rendering to reduce load times by 40%.
- Created a fully functional e-commerce platform using Handlebars, Bootstrap, and Node.js, integrating payment gateways and secure authentication.

Camping World   **Sep 2020 -- May 2023**
Sales Manager   *Barka, Oman*

- Managed end-to-end sales operations, achieving a 20% increase in monthly revenue through targeted customer engagement strategies.
- Learned Arabic to improve client communication, resulting in a 15% increase in customer satisfaction scores.
- Optimized inventory management by collaborating with purchasing teams, reducing stock discrepancies by 10%.

SKILLS

Programming Languages:
JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL, MongoDB

Technologies & Frameworks:
Node.js, Express.js, Next.js, React.js, TailwindCSS, Bootstrap, Framer Motion, Docker, Kubernetes, AWS (EC2, S3), Hasura, GraphQL

Tools:
Figma, Adobe Photoshop, Git, Webpack, Vercel, Jira

Soft Skills:
Problem Solving, Effective Communication, Team Collaboration, Agile Methodologies

PROJECTS

TrekTicket Microservices Platform   **Jan 2023 -- Aug 2023**

Full-Stack Developer

- Architected a microservices-based ticketing platform using Node.js, Express, Next.js, TypeScript, Docker, and Kubernetes, handling 10,000+ transactions monthly.
- Integrated NATS Streaming for event-driven communication, ensuring scalability and fault tolerance across auth, order, and ticket services.

TrekThread Social Media Application   **Mar 2023 -- Jul 2023**

Lead Developer

- Developed a Next.js 13-based social media platform with MongoDB, TailwindCSS, and Clerk for secure authentication, achieving 99.9% uptime.
- Implemented server-side rendering, middleware, Zod validation, and React Hook Form, reducing form submission errors by 30%.

Log Gaming Marketplace   **Sep 2022 -- Dec 2022**

Full-Stack Developer

- Built a secure gaming console marketplace using Node.js, Handlebars, CSS, and Bootstrap, with Razorpay for seamless payments.
- Enhanced user experience with advanced filtering, cart management, and password hashing, increasing user retention by 20%.

CERTIFICATIONS

Networking and Cybersecurity   **2020 -- 2021**

Cisco, Microsoft, EC-Council

- Achieved CCNA, CCNA Security, MCSA, MCSC, and CEH certifications, demonstrating proficiency in network administration and cybersecurity best practices.