

HARISHANKAR S A

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EDUCATION

PES University

Bachelor of Engineering, Electronics and Communication

Bengaluru, India

Aug. 2018 – June 2022

COURSEWORK

Operating Systems, Object Oriented Programming, Semiconductor Systems, VLSI, Database Systems, Computer Networks, Data Structures, Design and Analysis of Algorithms, Software Engineering, Artificial Intelligence

EXPERIENCE

FIRST AMERICAN INDIA

April 2023 – Present

Software Engineer | Tech Stack : React.js, Angular, C#, Redux, Git

Bengaluru, India

- Engineered intuitive and responsive web applications of **2 projects** utilizing **React** and **Angular**, leveraging TypeScript for type safety and state management with Redux. Developed **10+ reusable React components**, custom components and microanimations, reducing development time for new pages.
- Contributed to the development of backend solutions using C# and .NET, implementing RESTful APIs to facilitate seamless integration and communication between front-end and back-end services. Integrating unit test cases for the whole module in C# leading to a **30% reduction in testing efforts**.
- Contributed significantly to the overhaul of the Fee module of the First American FAST platform into a modern Ignite platform Fee module, enhancing the user interface and reducing **load times by approximately 30%** using lazy loading and code splitting techniques, while also proactively addressing application UI and functionality issues.
- Mentored new joiners and trainees on React and Angular frameworks, and project deliverables.

BUHLER PVT LTD

Dec. 2022 – April 2023

Frontend Software Engineer | Tech Stack : React.js, C#, Redux, Tailwind, SAP, Git

Bengaluru, India

- Designed and Developed an **Attendance Management System** from scratch using React and C#, streamlining attendance tracking for over **400 department employees**.
- Played a key role in the architectural planning and execution of the Attendance Management System, assuming full ownership of components and modules, leading to a **40% reduction in upper management efforts**.
- Collaborated closely with cross-functional teams, product managers and designers to gather requirements and implement product features that enhanced user experience of the platform from scratch.
- Created dynamic, insightful dashboards using SAP Analytics Cloud and JavaScript, providing real-time data visualization.

PROJECTS

CLASSIC CAR CARE | React.js, React Native, ContextAPI, Expo

- Developed a Car Service booking android and ios app from ground up for a B2C business which received more than 500 installs and **increased the business revenue by 50000 USD in 8 months**
- Designed and implemented **React Native** app and an admin portal, both connected to **Supabase** for API management and real-time data synchronization.
- Integrated features like **booking, async storage, custom navigation, routing** and **payments**.
- [GitHub](#)

WISTLE | React.js, React Native, Redux, Expo

- Developed the UI for a **sports booking and venue management app and website**, including a super admin portal to oversee operations.
- Used RESTful APIs to fetch and update real-time data, providing a smooth and responsive user experience across the app and portal.
- Designed and built visually engaging, accessible interfaces, custom components and animations for the app and website, that prioritize user engagement and ease of use. Also leveraged Redux for efficient state management

TECHNICAL SKILLS

Proficient in: React, React Native, Angular, C#, JavaScript

Intermediate: Redux, Next.js, Material-UI, Java, Git, SQL

Familiar: C/C++, Python, ContextAPI, Firebase, Supabase