Hari Prasad S

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○ Hari3018   </> LeetCode   >_ HackerRank

Education

Coimbatore Institute of Technology	Oct 2022 – April 2026
B.E in Computer Science and Engineering	**CGPA:** 8.00*

Bharathi Matric Higher Secondary School	June 2021 – March 2022
Higher Secondary School	**Percentage**: 95%

PROFESSIONAL EXPERIENCE

BrainAK Technologies   June 2024 – July 2024
Internship – Software Development
- Started by developing small applications to learn React.js basics, including JSX, components, props, and state.
- Built a responsive social media web application from the ground up using React.js, incorporating modular functional components, props, and state management to create interactive user experiences.

Skills

- **Languages:** Java, HTML, CSS, JavaScript, Sql.
- **Frameworks:** React.js, Node.js,Express.js.
- **Database:** MongoDB, Firebase, MySQL,
- **Tools:** Visual Studio Code, Figma, GitHub, Android Studio, Power BI, Postman.
- **Soft Skills:** Problem Solving, Teamwork and Collaboration.

Projects

Event Photography Request and Management System ○   Sept 2024 -Oct 2024
React,MongoDB,Express.js,Node.js
–Developed a web-based platform for managing photography event requests using **MERN** stack.
–Implemented JWT-based authentication and admin and student based access control for club members and admins.
–Enabled event status updates (Accept/Reject/Delete) with Google Drive link integration for media sharing.
–Ensured seamless frontend-backend communication using Axios and RESTful APIs.

Dynamic QR Based Attendance Tracking App ○   Jan 2025-Feb 2025
Flutter,Firebase,Android Studio
– Developed a mobile application to record attendance using timely generated **QR codes**.
– Implemented device restriction by verifying **IMEI** for authentication to prevent unauthorized attendance marking.
– Integrated **Firebase** for real-time data synchronization and secure cloud-based storage.
– Designed a responsive **Flutter UI** to ensure smooth QR code scanning and efficient attendance tracking.

Dijkistra Algorithm Pathfinding Visualizer ○   March 2025-April 2025
React,HTML,CSS
–Developed a visualization tool to demonstrate the working of **Dijkstra's shortest path algorithm**.
–Implemented interactive grid-based pathfinding with fluid animations.
–Optimized rendering for real-time visualization in a browser environment.
–Incorporated color-coded status indicators to distinguish visited, unvisited, and final path nodes.

Achievements

- 100 days badge in LeetCode
- **Sparkathon:** Competed in an inter-college hackathon and received special mentions among multiple teams.
- **Code-O-Clock:** Engaged in a 24-hour coding challenge, delivering innovative solutions under time constraints.

Position of Responsibility

Treasurer of CIT Photo Club   August 2024 – Present
- Handled financial planning, budgeting, and expense tracking for club activities and events.
- Coordinated photography and post-processing for key college functions, ensuring high-quality media coverage.

Certificates

- **Problem Solving Certification**, HackerRank ❯
- **HTML, CSS, JavaScript Certification**, Johns Hopkins University ,Coursera ❯
- **Workshop on Web Development**, NIT Trichy ❯